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Nuclear Criticality Safety Division

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Auspices Statement

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Document_No	Document Title	Authors	Date	Location	Keywords
CSM-0001	Array Program Computational Effort to Date	N. L. Pruvost, W. Collins, O. C. Kolar, D. Laniewski	10/20/1964	LLNL	Arrays of Fissile Material
CSM-0002	Coolant Sump Pump Assembly Design	A. Lorenz, O. C. Kolar	10/29/1964	LLNL	Pump System
CSM-0003	Evaluation of Criticality Safety of Powders for Extinguishing Fires	O. C. Kolar, Alex Lorenz	11/17/1964	LLNL	Extinguishing Powders
CSM-0003, Rev. 1	Evaluation of Criticality Safety of Powders for Extinguishing Fires	A. J. Smith	3/8/1968	LLNL	Extinguishing Powders
CSM-0005	Use of Sodium Calcium Borate in Pu Fires	A. Lorenz, O. C. Kolar	11/30/1964	LLNL	Sodium Calcium Borate
CSM-0006	Coolant Pump Sump Assembly Design	A. Lorenz, O. C. Kolar	1/18/1965	LLNL	Pump System
CSM-0007	SORE Array Computational Effort to Date	Don D. Laniewski	1/21/1965	LLNL	SORE
CSM-0009	Los Alamos Trip Report	N. Pruvost, A. Lorenz	3/2/1965	LLNL	Trip Report
CSM-0010	Meter Response During an Accidental Excursion	N. L. Pruvost	3/25/1965	LLNL	Meter Response

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CSM-0011	Proposed Calculational LRL Array Program	Alex Lorenz	3/22/1965	LLNL	Proposal Memo
CSM-0012	Guidance Concerning Transportation of Hot Box SS material	A. Lorenz	3/27/1965	LLNL	Guidance Memo
CSM-0013	Annual Meeting of Industrial Nuclear Safety Group- Trip Report	O. C. Kolar, A. Lorenz	5/28/1965	LLNL	Trip Report
CSM-0014	Shipment of Nimbus and Wendigo Parts and Other Fissionable Materials to Rocky Flats and Oak Ridge	O. C. Kolar	6/25/1965	LLNL	Nimbus, Wendigo
CSM-0015	Preliminary Accident Calculations for Array of Pu Slugs	N. L. Pruvost	7/20/1965	LLNL	Pu Slugs
CSM-0016	Preliminary Studies of Parts for Array Studies- Phase I	J. R. Morton	7/27/1965	LLNL	Pu
CSM-0017	Physical Effect of Temperature on the Multiplication Constant of a 3 Kg, CH ₂ Reflected Plutonium Array Unit	A. Lorenz	8/2/1965	LLNL	Pu
CSM-0020	Sub-Critical Measurements with Plutonium Parts for Array Studies - Part I	J. R. Morton	9/1/1965	LLNL	Subcritical Measurements
CSM-0021	DTF Users Manual	James J. Arcella	8/30/1965	LLNL	DTF Manual

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CSM-0022	Incredible Accident in an Array of Moderated Units	N. L. Pruvost	10/12/1965	LLNL	Criticality Accident
CSM-0026	Maximum Credible Accident in a Moderated Array	N. L. Pruvost	11/17/1965	LLNL	Criticality Accident
CSM-0027	Trip Report on IAEA Symposium on Criticality Control of Fissile Materials Held in Stockholm, Sweden 1-5 Nov. 1965	O. C. Kolar	11/16/1965	LLNL	Trip Report
CSM-0028	Startup Accident No. 2 for the Array Program	N. L. Pruvost	11/22/1965	LLNL	Proposal Memo
CSM-0029	Plutonium Chip Criticality Safety	A. Lorenz	12/7/1965	LLNL	Pu
CSM-0030	Standard for Specification of a Safe Multiplication	O. C. Kolar	1/20/1965	LLNL	Subcritical Multiplication
CSM-0030, Rev. 1	Standard for Specification of a Safe Multiplication	O. C. Kolar	3/9/1966	LLNL	Subcritical Multiplication
CSM-0031	Experimental Progress-Plutonium Array Studies	J. R. Morton, G. A. Pierce	2/7/1966	LLNL	Pu Array
CSM-0032	Nuclear Safety Experiments with Plutonium Parts for Array Studies	J. R. Morton	2/24/1966	LLNL	Subcritical Experiments

Document_No	Document Title	Authors	Date	Location	Keywords
CSM-0034	Criticality Safety of Hand Assembly of Moderator-Jacketed Pu Units in Pu Array Program	O. C. Kolar	3/16/1966	LLNL	Pu
CSM-0037	Moderated Plutonium Arrays Containing Eight Billets	J. R. Morton, G. A. Pierce	4/11/1966	LLNL	Pu Array
CSM-0038	The Critical Parameters of an Unmoderated Array Containing 27 Plutonium Billets	J. R. Morton, G. A. Pierce	4/21/1966	LLNL	Critical Parameters
CSM-0042	The Critical Parameters of a 2 x 2 x Array of 6 kg Units; Study of the Neutronic Effect of Changes in the Array Support Structure	J. R. Morton, G. A. Pierce	5/17/1966	LLNL	Critical Parameters
CSM-0043	Status Report on Array Program	G. Pefley	5/17/1966	LLNL	Status Memo
CSM-0044	Trip Report - O-5R Code Working Group	N. L .Pruvost	5/17/1966	LLNL	Trip Report
CSM-0045	Study of Several Perturbations of a Regular 3 ³ Array Containing 27 Plutonium Billets	J. R. Morton, G. A. Pierce	5/24/1966	LLNL	Subcritical Experiments, Pu
CSM-0046	An Analysis of the O5R Subroutine INELAS	R. J. Doyas	6/2/1966	LLNL	INELAS
CSM-0047	Fission Counter Flux Traverses of a Regular 33 Array Containing 27 Plutonium Billets	J. R. Morton, G. A. Pierce	6/9/1966	LLNL	Flux Measurements, Pu

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CSM-0049	MEENP: A Cross Section Preparation Code for O5R	R. J. Doyas, G. Haggins	7/5/1966	LLNL	MEENP
CSM-0050	Experiment Normalization Calculations Using the O5R Monte Carlo Code	N. Pruvost, G. Pefley	7/7/1966	LLNL	O5R
CSM-0051	Trip Report for Los Alamos Meeting of June 8, 1966	G. Pefley, N. Pruvost	8/22/1966	LLNL	Trip Report
CSM-0056	Present Status of O5R Cross Section Library	N. L. Pruvost	12/6/1966	LLNL	O5R
CSM-0057	Safe Storage of Plutonium Loaded tubes used in the Array Program	John Morton	2/16/1967	LLNL	Pu
CSM-0059	Revision of O5R Subroutine INELAS	W. E. Kane	2/1/1967	LLNL	O5R
CSM-0060	Priority Experiments for the Calculational Aspect of the Array Program	N. Pruvost, G. Pefley	3/2/1967	LLNL	Proposal Memo
CSM-0062	NTS Criticality Safety Inspection Trip	J. Olsen	3/16/1967	LLNL	Inspection Memo
CSM-0063	Experimental Progress, Plutonium Array Studies, Phase II	J. R. Morton, H. F. Finn, G. A. Pierce	4/7/1967	LLNL	Progress Memo

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CSM-0066	Proposed Change in Operating Procedure to Allow Half Table Multiplications Greater than Ten	H. F. Finn	6/6/1967	LLNL	Operating Procedure
CSM-0069	Some basic Physical Parameters of the Phase II Plutonium Array Studies	H. F. Finn	8/10/1967	LLNL	Pu Array
CSM-0078	Comments Concerning U. S. Atomic Energy Commission AEC Manual Chapter 0530 Nuclear Criticality Safety	A. J. Smith	9/20/1967	LLNL	Review Memo
CSM-0079	The Quantum Mechanical Neutron Scattering Formalism and its Use in Criticality Calculations	Norman J. McCormick	9/25/1967	LLNL	Thermal Neutron Scattering
CSM-0082	LRL Criticality Safety Advisory Group, Assignments and Duties	O. C. Kolar	11/22/1967	LLNL	Assignment Memo
CSM-0083	Neutron Self-Shielding in Monte Carlo and Transport Theory Codes	R. J. Doyas	12/7/1967	LLNL	Self-Shielding Effect
CSM-0093	Notice of Proposed Rule Making - 14 CFR Part 103 and 49 CFR Parts 170 - 190; Comments on	A. J. Smith	3/6/1968	LLNL	Review Letter
CSM-0094	An Alternate Method for the Determination of Critical Spacing	H. F. Finn	3/11/1968	LLNL	Critical Spacing
CSM-0095	Neutron Flux Spectrum for a Russian Reactor	A. J. Smith	3/19/1968	LLNL	DTF

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CSM-0096	N.T.S. Criticality Safety Inspection Trip	A. J. Smith	3/28/1968	LLNL	Inspection Report
CSM-0097	The Critical Parameters of 4 ³ , Three and Six Kilogram, Unmoderated Plutonium Arrays	G. A. Pierce	3/29/1968	LLNL	Critical Parameters
CSM-0099	Calculated Bare Spherical Mass of Array Program Alpha-Phase Plutonium	N. L. Pruvost	5/6/1968	LLNL	Critical Mass, Pu
CSM-0101	Anticipated Effort for Special Critical Experiment	H. F. Finn	5/2/1968	LLNL	Planning Memo
CSM-0103	Neutron Multiplication, its relationship to k and the Array Program	H. F. Finn	3/15/1968	LLNL	Subcritical Multiplication
CSM-0105	Summary of Plutonium Array Critical Experiments	H. F. Finn	8/19/1968	LLNL	Critical Experiments
CSM-0109	The 4 x 4 x 4 Unit Cell Experiment	H. F. Finn, G. A. Pierce	9/5/1968	LLNL	Subcritical Experiments
CSM-0110	Criticality Safety Studies, Organization	O. C. Kolar	10/9/1968	LLNL	Job Assignment Memo
CSM-0112	Hand Assembly Criteria	H. F. Finn	10/15/1968	LLNL	Hand assembly Criteria

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CSM-0113	Effects of Group Size and Spectral Weighting for Bare and reflected Systems	B. L. Koponen, R. J. Doyas	11/12/1968	LLNL	WHIZ, ANISN
CSM-0114	Heterogeneous Reactor Methods Applied to Physics of Critical Arrays	T. P. Wilcox	11/18/1968	LLNL	Critical Array
CSM-0117	Small Oralloy Sample Criticality Safety Study	B. L. Koponen	12/10/1968	LLNL	Oralloy
CSM-0118	SOAC Meeting, November 22, 1968	O. C. Kolar	12/12/1968	LLNL	Meeting Memo
CSM-0123	The Critical Parameters of 3^3 , Six Kilogram, Unmoderated Plutonium Array	G. A. Pierce	1/30/1969	LLNL	Critical Parameters
CSM-0124	The Critical Parameters of 2^3 , Six Kilogram, Unmoderated Plutonium Array	G. A. Pierce	1/30/1969	LLNL	Critical Parameters
CSM-0127	A Notion about Criticality Safety	N. L. Pruvost	2/20/1969	LLNL	Review Memo
CSM-0128	Interaction of LRL Criticality Safety Group with Other Criticality Safety Bodies	O. C. Kolar	2/20/1969	LLNL	Admin Memo
CSM-0130	Summary of Plutonium Array Critical Experiment Data	H. Finn, N. Pruvost	2/1/1969	LLNL	Critical Experiment Data, Pu Array

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CSM-0131	Annual Criticality safety Inspection of NTS Device Assembly Area	O. C. Kolar	4/3/1969	LLNL	Inspection Memo
CSM-0134	Array Program Bibliography	N. L.. Pruvost	4/24/1969	LLNL	Bibliography
CSM-0137	Comparison of Critical Masses of Water Reflected and Moderated PuO ₂ and Pu Systems	B. L. Koponen	5/23/1969	LLNL	Critical Mass, Pu
CSM-0140	Sample Reactivity Measurements at the LRL Critical Facility	H. F. Finn, G. V. Pefley	6/23/1969	LLNL	Reactivity Measurement
CSM-0142	Critical Parameters of Systems Containing Plutonium, Part 1: New Data for Plutonium-Water System	B. L. Koponen	7/2/1969	LLNL	Critical Parameters, Pu
CSM-0143	Godiva-Weighted One-Group Neutron Cross Sections	B. L. Koponen	7/17/1969	LLNL	Neutron Cross Sections, One-Group
CSM-0145	Summary of Meeting August 6, 1969 to Discuss Desirability of Replacing O5R by SORS	O. C. Kolar	8/11/1969	LLNL	Meeting Memo
CSM-0146	Evaluation of Modified Bonner Spheres for Use in Neutron Spectra Determination of Pu Arrays	G. Pierce	8/12/1969	LLNL	Neutron Spectra Measurements
CSM-0147	Evaluation of Neutron Measurements by the Fission-Fragment Method	G. Pierce	8/12/1969	LLNL	Fission-Fragment Method

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CSM-0149	Remote Operation Proposal Questions	Jim Doggett	9/2/1969	LLNL	Review Memo
CSM-0150	Estimation of k from an O5R calculation Using KAYBAR	O. Kolar, W. Collins	9/12/1969	LLNL	O5R
CSM-0155	Calculated Neutron Multiplication Factors for Unreflected and Water-Reflected Spheres for Several Fissionable Materials	J. H. Wujek	11/18/1969	LLNL	DTF
CSM-0158	Criticality Safety Study for the Plutonium Casting Operation	B. Koponen	11/18/1969	LLNL	ANISN
CSM-0160	The Two-Dimensional Discrete Ordinates Code DOT	T. P. Wilcox	12/11/1969	LLNL	DOT
CSM-0162	Experiments to Establish Single-Column Loading Safety Criteria	H. F. Finn	12/30/1969	LLNL	Subcritical Experiment
CSM-0163	Activities of Radiation Transport Group, E-Division	O. C. Kolar	1/12/1970	LLNL	Activities in 1969
CSM-0170	Degreasing Tank, Criticality Safety Request 70 -6	M. Knezevich	3/31/1970	LLNL	ANISN
CSM-0174	Criticality Safety Analysis for the Super Kukla Shipping Container	B. L. Koponen	7/23/1970	LLNL	Super Kukla

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CSM-0177	Criticality Safety Study of Super Kukla Sample Shipping Container	G. Pefley	9/23/1970	LLNL	Super Kukla
CSM-0178	Request for Cross Section information	G. Pefley, B. Koponen	10/12/1970	LLNL	Request Letter
CSM-0180	Critical Configurations Determined from the SIngle-Column Safety Experiments	H. F. Finn	10/29/1970	LLNL	Critical Data
CSM-0185	Los Alamos Trip Report	G. V. Pefley, B. L. Koponen	2/17/1971	LLNL	Trip Report
CSM-0187	Criticality Study for paper Tiger Shipping Container	B. Koponen	4/1/1971	LLNL	Paper Tiger Shipping Container
CSM-0196	Cooling Water Allowance in New Casting Box in Building 332	B. L. Koponen	8/12/1971	LLNL	Casting Box
CSM-0197	Criticality Study for NUBAR Experiment	B. L. Koponen	9/21/1971	LLNL	NUBAR Experiment, MORSE
CSM-0197, Addendum 1	Criticality Study for NUBAR Experiment	B. L. Koponen	10/29/1971	LLNL	NUBAR Experiment, MORSE
CSM-0197, Addendum 2	Criticality Calculations for Moderating Materials	B. L. Koponen	5/24/1978	LLNL	NUBAR Experiment, MORSE-C

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CSM-0209	Comments on Proposed ANSI Standards	B. L. Koponen	3/16/1972	LLNL	Review Letter
CSM-0214	Criticality Safety Study for Super Kukla Fuel Storage	B. Koponen	7/6/1972	LLNL	MORSE, Kukla Fuel
CSM-0214, Addendum 1	Application of Super Kukla Fuel Storage Limits to Transportation	B. L. Koponen	1/9/1979	LLNL	Kukla Fuel
CSM-0215	Unclassified Index of Criticality Safety Memos	B. L. Koponen	7/2/1973	LLNL	CSM Index
CSM-0218	MORSE-C Monte Carlo Criticality Calculations for Unreflected Plutonium Systems	B. L. Koponen	8/21/1972	LLNL	MORSE-C, Pu
CSM-0223	Procedures Used in Criticality Safety Analysis	B. L. Koponen	11/9/1972	LLNL	Instruction Letter
CSM-0225	Criticality Safety Study for Heat-Treating Furnace	B. L. Koponen	11/9/1972	LLNL	MORSE-C, Furnace
CSM-0225, Rev. 1	Criticality Safety Study for Heat-Treating Furnace	B. L. Koponen	12/11/1972	LLNL	MORSE-C, Furnace
CSM-0226	LASL and Rocky Flats Critical Assembly Capability	H. F. Finn	12/12/1972	LLNL	Review Letter

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CSM-0227	Criticality Safety Study for Sprinkler Discharge Retention Tank, Bldg. 332, Increment III	B. Koponen	12/15/1972	LLNL	Sprinkler Discharge Retention Tank, MORSE-C
CSM-0230	Proposed ANSI Standard for Validation of Calculational Methods for Nuclear Criticality Safety	B. Koponen	1/30/1973	LLNL	Proposed ANSI Standard
CSM-0231	Proposed ANSI Standard for Storage of Fissile Materials	B. L. Koponen	2/9/1973	LLNL	Proposed ANSI Standard
CSM-0234	Criticality Safety Short Course Trip Report	H. Finn, B. Koponen	5/16/1973	LLNL	Trip Report
CSM-0235	Criticality Safety Study for Decontamination Filter System	B. L. Koponen	5/24/1973	LLNL	Filter System
CSM-0236	Criticality Safety Study for Vapor Plating Furnace	B. L. Koponen	5/29/1973	LLNL	Vapor Plating Furnace
CSM-0239	Criticality Safety Study for Calorimetric Measurement on Uranium-233 Oxide Cylinder	B. L. Koponen	10/11/1973	LLNL	Uranium Oxide, MORSE-C
CSM-0244	Effect of Unit Density Variation in a Large Array	B. L. Koponen	1/18/1974	LLNL	MORSE-C
CSM-0247	Criticality Safety Study for Building 231 Storage Unit	B. L. Koponen	3/11/1974	LLNL	B231

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CSM-0249	Criticality Safety Study for Storage of EDM Filters	B. L. Koponen	4/9/1974	LLNL	MORSE-C, EDM Filters
CSM-0254	Calculation of Reactivity for a Building 332 Cutting Operation in which the Limits for Dispersed Plutonium were Exceeded	B. L. Koponen	1/27/1975	LLNL	EDM Machine
CSM-0262	Criticality Safety Study for Y-12 Model DT-5 Shipping Container	B. L. Koponen	4/28/1975	LLNL	DT-5 Container, MORSE-C
CSM-0268	Criticality Calculations for U-235-Be-Oxide Fuel Production	B. L. Koponen	9/3/1975	LLNL	B241, U-235-Be-Oxide
CSM-0270	Criticality Safety Study for Building 332 Conveyor Box	B. L. Koponen	3/5/1976	LLNL	Conveyor Box
CSM-0273	Reactivity Enhancement in Transportation and Storage Arrays Due to Fissile Material Density Reductions	B. L. Koponen	6/14/1976	LLNL	Storage Arrays, Paper Tiger Container
CSM-0274	Criticality Safety of Proposed Radiography Operation	H. F. Finn	6/14/1976	LLNL	Radiography Operation
CSM-0276	Criticality Safety Study for a Plutonium Sphere	B. L. Koponen	9/13/1976	LLNL	MORSE-C
CSM-0279	Preliminary Criticality Study for Criticality Training Assembly	B. Koponen	4/19/1977	LLNL	Oralloy Shells

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CSM-0280	Present Status and Goals of a Project to Produce a Computerized Library of Integral Neutron Experiments	B. L. Koponen	5/4/1977	LLNL	Computerized Library
CSM-0281	Criticality Safety of Harfang Shipment	B. L. Koponen	6/30/1977	LLNL	DT-5 Container
CSM-0285	Bibliographic Data Base of Criticality Experiments	F. McMurphy	11/8/1977	LLNL	Database
CSM-0286	Criticality Calculations for NTS Storage Area	B. L. Koponen	2/27/1978	LLNL	MORSE-C
CSM-0290	Criticality Safety Study for Lathe Box Cooling Oil Tray	B. L. Koponen	6/29/1978	LLNL	MORSE-C
CSM-0292	Criticality of Special Actinide Elements	B. Koponen	9/12/1978	LLNL	Special Actinide
CSM-0292, Addendum 1	Criticality of Special Actinide Elements	B. Koponen	9/29/1978	LLNL	Special Actinide
CSM-0298	Criticality Safety Study for vapor Plating Box in Building 332	B. L. Koponen	10/1/1979	LLNL	Vapor Plating Box
CSM-0301	Criticality Safety Study for LIS Program	B. L. Koponen	2/5/1980	LLNL	LIS

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CSM-0303	Criticality Safety Study for Water-Plutonium Mixture in Building 332 Elevator Shaft	B. L. Koponen	8/11/1980	LLNL	Water-Pu
CSM-0303, Addendum 1	Building 332 (Increment 3) Water Sprinklers and Criticality Safety	B. L. Koponen, N. L. Pruvost	2/28/1980	LLNL	Effect of Water
CSM-0305	Definition of Dispersible Plutonium	B. L. Koponen	2/26/1980	LLNL	Dispersible Pu
CSM-0306	Fissile Material Transfer within Building 332	N. L. Pruvost, B. L. Koponen	7/18/1981	LLNL	Fissile Material Transfer
CSM-0307	Computer Calculations - Getting Started	B. L. Koponen	3/4/1981	LLNL	Instruction
CSM-0309	Development of a Standardized LLNL Criticality Alarm System (CAS)	Austin A. O'Dell	4/29/1982	LLNL	CAS
CSM-0310	Probability Balance Relations for a Subcritical Multiplying Assembly - Neutron Detector System	C. Barnett	8/23/1982	LLNL	Subcritical Multiplying Assembly, Neutron Detection
CSM-0311	Variance-to-Mean Ratio When Using a Spontaneous Fission Source	C. Barnett	9/7/1982	LLNL	Variance-to-Mean Ratio, Subcritical Multiplying Assembly
CSM-0312	Calculated Critical masses and Radii of Pu-Freon Mixtures	C. Barnett	9/27/1982	LLNL	Pu-freon mixture

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CSM-0324	A Probabilistic Criticality Analysis of the Transfer of Fissile Material in the LLNL Plutonium Building	B. L. Koponen, C. S. Barnett	5/31/1983	LLNL	Probabilistic Criticality Analysis, Fissile Material Transfer
CSM-0325	Definition of Dispersible Uranium	B. L. Koponen	2/4/1985	LLNL	Dispersible U
CSM-0331	Review of OSP 332, Supplement 233 (formerly J. S. Pearson Supplement 189)	J. S. Pearson	1/23/1986	LLNL	OSP 332, Supp. 233
CSM-0336	Nondestructive Assay of Contaminated Waste	Luther L. Lowry	8/11/1986	LLNL	Contaminated Waste
CSM-0337	Criticality Safety of Selected Fissile Materials	L. L. Lowry	8/11/1986	LLNL	Small Quantities
CSM-0338	Criticality Study for Gas-Cooled Space Reactors for the MMW Space Power Program	J. S. Pearson	9/30/1986	LLNL	MMW Space Power Program
CSM-0340	Analysis of Sprinkler Water Retention System for Building 332	J. S. Pearson	11/26/1986	LLNL	SWRS
CSM-0341	A Method for Assessing the Effect of Sprinkler Water on the Reactivity of Storage Arrays of Fissile Material	H. F. Lutz	2/131/1987	LLNL	Effect of Water
CSM-0343	Comparison of Nickel and Beryllium Reflectors to Base Case for APS Reactor	J. S. Pearson	4/27/1987	LLNL	APS, Reflector

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CSM-0348	Technical Basis for Criticality Safety Considerations of 64 kg Pu Room Limit in MPL	H. F. Lutz	6/12/1987	LLNL	MPL
CSM-0351	Monte Carlo Criticality Calculations on a Plutonium Vaporization System and on a Double Batched Transport Can	H. F. Lutz	9/24/1987	LLNL	COG
CSM-0353	Criticality Safety of Casting Alpha Plutonium Rods in Certain Graphite	L. L. Lowry	11/12/1987	LLNL	MORSE-C
CSM-0357	Origin of the Quantities 220 g, 2.6 kg, and 4.5 kg of Plutonium	Harry F. Lutz	2/8/1988	LLNL	Mass Limits
CSM-0365	Copper-Beryllium Mold #1 for Casting Plutonium Balls	Luther L. Lowry	12/15/1988	LLNL	Pu, Cu-Be Mold
CSM-0371	Criticality Safety Study of Arrays of 55-Gallon Waste Drums	J. S. Pearson	2/17/1989	LLNL	55-Gallon Drums
CSM-0374	Review of OSP 332, Supp. 297	J. S. Pearson	4/28/1989	LLNL	OSP 332, Supp. 297
CSM-0377	Estimate of Potential Radiation Dose in the Vicinity of Bldg. 332 from a Maximum Credible Nuclear Criticality Accident	Luther L. Lowry	4/27/1989	LLNL	Criticality Accident, Radiation Dose
CSM-0378	MCNP Calculations for LANL Water-Reflected Plutonium Benchmark Experiments	H. F. Lutz	10/9/1989	LLNL	MCNP, Validation

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CSM-0379	Validation of COG, MORSE-C, and SAN Codes for Water and Oil Reflected and Moderated Uranium Metal Spheres	J. S. Pearson	10/11/1989	LLNL	COG, MORSE-C, SAN, Validation, CRAY
CSM-0389	Criticality Assessment for Tilt-Pour Furnaces in MPL	D. H. Nguyen	5/29/1990	LLNL	MPL
CSM-0390	Additional Criticality Assessment for Tilt-Pour Furnaces in MPL	D. H. Nguyen	6/12/1990	LLNL	MPL
CSM-0390, Addendum 1	Recommended Mass Limits for MPL Box 2 and Its Associated Workstations: 1010, 1009, 1011	D. Nguyen, J. Choi, C. Barnett	6/22/1990	LLNL	MPL
CSM-0391	Criticality Safety Analysis of Your "Design Concept"	Luther L. Lowry	6/25/1990	LLNL	Review Memo
CSM-0392	Validation of John Pearson's Calculations on the Criticality Level of a Configuration of Tenabo	Luther I. Lowry	6/27/1990	LLNL	Review Memo
CSM-0393	Shielding Calculations for Tilt-Pour Furnaces in MPL	D. H. Nguyen	7/9/1990	LLNL	MPL
CSM-0396	Criticality Assessment of Tilt-Pour Furnaces in MPL with 25-liter Water Limit	D. H. Nguyen	9/4/1990	LLNL	MPL
CSM-0407	Comments on K. D. Lewis' Memo, dated January 9, 1991, "Determination of Product canister Diameter and Investigation of Case II-3 and II-4 Accident Scenarios	D. H. Nguyen	3/14/1991	LLNL	Review Memo

Document_No	Document Title	Authors	Date	Location	Keywords
CSM-0424	Modification of B177 OSP to authorize Storage and Processing of Enriched Uranium	Dong H. Nguyen	9/18/1991	LLNL	B177
CSM-0425	Comments on Proposed Changes to B175 FSP	D. H. Nguyen	10/14/1991	LLNL	B175
CSM-0429	Criticality Safety of Enriched U Oxidation Process	D. H. Nguyen	12/9/1991	LLNL	UO ₂
CSM-0432	Maximum Credible Yields of Potential Nuclear Excursions in Building 332	D. H. Nguyen	1/21/1992	LLNL	Maximum Fission Yields
CSM-0441	Criticality SAfety of U-AVLIS Product Storage	Dong H. Nguyen	4/14/1992	LLNL	U-AVLIS
CSM-0454	MCNP-3b Results for 1.42 Atomic % Enriched UF ₄ /Paraffin Wax Mixtures (ENDL versus ENDF/B)	David Heinrichs	7/10/1992	LLNL	MCNP-3b
CSM-0458	Blending of U-AVLIS Product and Tail Splits to Recover the Criticality Safety Characteristics of Natural or Depleted Assay	D. H. Nguyen	8/21/1992	LLNL	U-AVLIS
CSM-0459	Comments on the Criticality Safety Issues Associated with the Portsmouth Highly Enriched Uranium Production Suspension (HEU-S) Project	David Heinrichs, Charles Barnett	10/12/1992	LLNL	Review, HEU-S, Portsmouth
CSM-0463	Comments on the Criticality Safety Issues Associated with the Portsmouth Highly Enriched Uranium Production Suspension (HEU-S) Project	David Heinrichs, Charles Barnett	10/29/1992	LLNL	Review, HEU-S, Portsmouth

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CSM-0477	PuO ₂ Blender Calculations	Peter Giles	2/26/1993	LLNL	PuO ₂ , COG
CSM-0479	Preliminary Criticality Assessment of the Russian HEU/LEU Blending Operation	Dong Nguyen	2/26/1993	LLNL	HEU Acquisition Project
CSM-0484	Activity Limits for Oxide Mixtures in DOT 6M Packages	Richard Baxter	5/6/1993	LLNL	DOT 6M, Activity Limits
CSM-0496	Criticality Calculations of Static, Near Critical Systems	Richard Buck, Edward Lent	8/3/1993	LLNL	COG
CSM-0534	Twi Inch (2") Criticality Safety Criteria	David Heinrichs	10/20/1003	LLNL	2" Slab Thickness
CSM-0582	review of Model HSC-1 SARP, Criticality Safety Evaluation	John Pearson	12/2/1993	LLNL	SARP Review, HSC-1
CSM-0591	Criticlaity Safety Analysis for Workstation #7801, Rm. 1378, B332	Shawn Cantlin	2/4/1994	LLNL	WS #7801
CSM-0592	Criticality Safety Analysis for Workstation #7802, Rm, 1378, B332	Shawn Cantlin	2/4/1994	LLNL	WS #7802
CSM-0593	Criticality Safety Analysis for Workstation #7805, Rm. 1378, B332	Shawn Cantlin	2/4/1994	LLNL	WS #7805

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CSM-0594	Criticality Safety Analysis for Workstation #7806, Rm. 1378, B332	Shawn Cantlin	2/4/1994	LLNL	WS #7806
CSM-0595	Criticality Safety Analysis for Workstation #7807, Rm. 1378, B332	Shawn Cantlin	2/4/1994	LLNL	WS #7807
CSM-0596	Criticality Safety Analysis for Workstation #7808, Rm. 1378, B332	Shawn Cantlin	2/4/1994	LLNL	WS #7808
CSM-0597	Criticality Safety Analysis for OSP 332.5	Shawn Cantlin	2/7/1994	LLNL	OSP 332.5
CSM-0598	Criticality Safety Analysis for OSP332.55	Shawn Cantlin	2/10/1994	LLNL	OSP 332.55
CSM-0599	Criticality Safety Analysis for OSP 332.89	Shawn Cantlin	2/11/1994	LLNL	OSP 332.89
CSM-0600	Criticality Safety Analysis for OSP 332.59	Shawn Cantlin	2/11/1994	LLNL	OSP 332.59
CSM-0601	Criticality Safety Analysis for OSP 332.156	Shawn Cantlin	2/10/1994	LLNL	OSP 332.156
CSM-0602	Criticality Safety Analysis for OSP332.153	Shawn Cantlin	2/11/1994	LLNL	OSP 332.153

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CSM-0603	Criticality Safety Analysis for OSP 332.4	Shawn Cantlin	2/11/1994	LLNL	OSP 332.4
CSM-0604	Criticality Safety Analysis for Mold #6901	Shawn Cantlin	2/15/1994	LLNL	Mold #6901
CSM-0618	New "should" Checklist	Shawn Cantlin	2/23/1994	LLNL	Checklist
CSM-0621	Criticality Safety Analysis for OSP 332.146	Shawn Cantlin, David Heinrichs	3/7/1994	LLNL	OSP 332.146
CSM-0625	Criticality Safety Analysis for OSP 332.164	Shawn Cantlin	3/23/1994	LLNL	OSP 332.164
CSM-0626	Criticality Safety Analysis for Workstation #2201	Shawn Cantlin	3/23/1994	LLNL	WS #2201
CSM-0627	Criticality Safety Analysis for Workstation #2202	Shawn Cantlin	3/23/1994	LLNL	WS #2202
CSM-0628	Criticality Safety Analysis for OSP332.17	Shawn Cantlin	3/23/1994	LLNL	OSP 332.17
CSM-0632	Criticality Safety Analysis for Workstation #1415	Shawn Cantlin	4/5/1994	LLNL	WS #1415

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CSM-0633	Criticality Safety Analysis for Workstation #1422	Shawn Cantlin	4/5/1994	LLNL	WS #1422
CSM-0634	Criticality Safety Analysis for OSP332.73	Shawn Cantlin	4/5/1994	LLNL	OSP 332.73
CSM-0635	Criticality Safety Analysis for Workstations #3719-3722	Shawn Cantlin	4/5/1994	LLNL	WS #3719 - 3722
CSM-0636	Criticality Safety Analysis for Workstation #3718	Shawn Cantlin	4/5/1994	LLNL	WS #3718
CSM-0637	Criticality Safety Analysis for OSPO332.159	Shawn Cantlin	4/5/1994	LLNL	OSP 332.159
CSM-0638	Overmass Incident in Workstation #4508	David Heinrichs	4/15/1994	LLNL	Overmass Incident
CSM-0639	Device Evaluation for BNL Experiment	David Heinrichs	4/19/1994	LLNL	OSP 332.41
CSM-0643	Criticality Safety Analysis for OSP 332.71	Shawn Cantlin	5/5/1994	LLNL	OSP 332.71
CSM-0644	Criticality Safety Analysis for OSP 332.152	Shawn Cantlin	5/5/1994	LLNL	OSP 332.152

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CSM-0645	Criticality Safety Analysis for OSP 332.130	Shawn Cantlin	5/5/1994	LLNL	OSP 332.130
CSM-0646	Criticality Safety Analysis for OSP 332.01	Shawn Cantlin	5/5/1994	LLNL	OSP 332.01
CSM-0647	Criticality Safety Analysis for OSP 332.08	Shawn Cantlin	6/3/1994	LLNL	OSP 332.08
CSM-0648	Criticality Safety Analysis for OSP 332.149	Shawn Cantlin	5/7/1994	LLNL	OSP 332.149
CSM-0649	Criticality Safety Analysis for OSP 332.150	Shawn Cantlin	5/19/1994	LLNL	OSP 332.150
CSM-0654	ENDF-B/V Cross-Section Problem in COG	David Heinrichs	5/12/1994	LLNL	COG
CSM-0663	Criticality Safety Input to B332 SAR (Chapter 6)	John Pearson	5/18/1994	LLNL	SAR, Chapter 6
CSM-0665	Criticality Safety Analysis for OSP 332.162	Shawn Cantlin	5/31/1994	LLNL	OSP 332.162
CSM-0666	Criticality Safety Analysis for OSP 332.20	Shawn Cantlin	6/14/1994	LLNL	OSP 332.20

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CSM-0667	Criticality Safety Analysis for OSP 332.103	Shawn Cantlin	6/17/1994	LLNL	OSP 332.103
CSM-0670	Maximum Credible Yields of Potential Nuclear Excursions Involving Uranium Systems in B332	Dong Nguyen	5/27/1994	LLNL	Maximum Fission Yields
CSM-0672	Criticality Safety Analysis for OSP 332.163	Shawn Cantlin	6/17/1994	LLNL	OSP 332.163
CSM-0677	Plutonium Equivalencies for Special Actinides	Shawn Cantlin	6/24/1994	LLNL	Special Actinides
CSM-0680	Criticality Safety Analysis for OSP 332.3	Shawn Cantlin	6/29/1994	LLNL	OSP 332.3
CSM-0686	Overmass Incident in Workstation #5308	Rich Evarts	8/11/1994	LLNL	Overmass Incident
CSM-0693	Overmass Incident in Workstation #4509	Richard Evarts	8/17/1994	LLNL	WS #4509
CSM-0696	Recommended Changes for OSP 332.063	Richard Evarts	8/26/1994	LLNL	OSP 332.063
CSM-0697	Criticality Safety Analysis for OSP 332.165	Richard Evarts	8/31/1994	LLNL	OSP 332.165

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CSM-0699	Criticality Safety Analysis for OSP 332.5-1-94 Supplement	Richard Evarts	9/8/1994	LLNL	OSP 332.5
CSM-0700	Criticality Safety Analysis for OSP 332.136	Richard Evarts	9/13/1994	LLNL	OSP 332.136
CSM-0702	Criticality Safety Review of Precision Die casting Assembly 12	David Heinrichs	10/5/1994	LLNL	OSp 332.63
CSM-0707	Criticality Safety Evaluation for the Bilateral Measurement Series	David Heinrichs	11/9/1994	LLNL	Bilateral Measurement, Pu
CSM-0708	Relocation of Workstations 1423 and 1432 within Rooms 1314 and 1314A	David Heinrichs	11/21/1994	LLNL	Review Memo
CSM-0710	Criticality Safety Review of Precision Die Casting Assembly 14	David Heinrichs	11/28/1994	LLNL	OSP 332.63
CSM-0712	Criticality Safety Evaluation for the Installation of the Active/Passive Californium Drum Shuffler	Richard Evarts	12/1/1994	LLNL	WS #7714
CSM-0714	Criticality Safety Evaluation for OSP 332.083	Richard Evarts	12/13/1994	LLNL	OSP 332.083
CSM-0715	Criticality Safety Evaluation for OSP 332.040	Richard Evarts	12/15/1994	LLNL	OSP 332.040

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CSM-0718	Placement of Criticality Heads	Dale Hankins	12/14/1994	LLNL	CAS, Detector Placement
CSM-0721	Additional Study of the Response of the Criticality Alarm Systems in Bldg 332 to Co-60 Gamma-Rays	Dale Hankins	12/10/1994	LLNL	CAS, Detector Placement, Co -60
CSM-0724	Analysis in Support of OSP 332.39	Roger Gathers	1/25/1995	LLNL	OSP 332.39
CSM-0725	OSP O-195 Minor Change	David Heinrichs	1/26/1995	LLNL	OSP O-195
CSM-0726	OSP O-193 Major Change	David Heinrichs	1/26/1995	LLNL	OSP O-193
CSM-0728	Criticality Safety Evaluation for OSP 332.063	Richard Evarts	2/14/1995	LLNL	OSP 332.063
CSM-0730	Revision of Density Control in OSP 332.063	Richard Evarts	3/3/1995	LLNL	OSP 332.063
CSM-0733	Autocatalytic Underground Criticality - 1	Roger Gathers	3/16/1995	LLNL	Autocatalytic Criticality, Review Memo
CSM-0734	Errata to CSM 733	Roger Gathers	3/16/1995	LLNL	Errata, CSM -0733

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CSM-0735	Verification Test of the Bldg 332 Criticality Alarm System, Using a Co-60 Source, March 18, 1995	Dale Hankins	4/7/1995	LLNL	CAS, Detector Placement
CSM-0737	Criticality Safety Evaluation for OSP 332.133	G. R. Goebel	4/21/1995	LLNL	OSP 332.133
CSM-0738	Criticality Safety Evaluation for OSP 332.70	G. R. Goebel	4/21/1995	LLNL	OSP 332.70
CSM-0741	Critical Mass of Alpha Pu-239 for a Fully Flooded Sphere Clad with Various Materials	Roger Gathers	5/15/1995	LLNL	MORSE-C, Pu
CSM-0746	Criticality Safety Evaluation for OSP 332.011	G. R. Goebel	6/21/1995	LLNL	OSP 332.011
CSM-0747	Criticality Safety Evaluation of Flooded Room	Richard Evarts	6/5/1995	LLNL	Flooded Room, Criticality
CSM-0748	Criticality Safety Evaluation for OSP 332.141	Rich Evarts	6/19/1995	LLNL	OSP 332.141
CSM-0749	Criticality Safety Evaluation for the Marine Assay Development Lab Test	Rich Evarts	6/22/1995	LLNL	B334
CSM-0751	Criticality Safety Analysis for the Bldg 241 Complex	David Heinrichs	7/18/1995	LLNL	B241

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CSM-0753	Criticality Safety Evaluation for OSP 332.079	G. R. Goebel	7/24/1995	LLNL	OSP 332.079
CSM-0754	Experimental Determination of the 12 rad Line Around Bldg 332 froma Maximum Credible Criticality Accident	Dale hankins	7/14/1995	LLNL	CAS, 12 rad Boundary
CSM-0761	Criticality Safety Evaluation for OSP 332.143	G. R. Goebel	9/15/1995	LLNL	OSP 332.143
CSM-0771	Study of Dispersible Pu-239 in Oil	Roger Gathers	10/17/1995	LLNL	Pu-239
CSM-0786	Criticality Safety Evaluation for Overmass Casting Operations in Workstation #7008	Richard Evarts	2/22/1996	LLNL	WS #7008
CSM-0788	Criticality Safety Evaluation for OSP 3332.144	G. R. Goebel	2/17/1996	LLNL	OSP 332.144
CSM-0789	SPR-II Safety Analysis	Peter Giles	2/28/1996	LLNL	SPR-II
CSM-0790	Criticality Safety Evaluation for B334 Measurement Request, MRF No. 030696	Richard Evarts	3/5/1996	LLNL	Pu
CSM-0791	Fissionable Material Mass Limits for U(10)	David Heinrichs	3/11/1996	LLNL	U(10)

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CSM-0792	Confirmatory Calculations for the Criticality Evaluation of the DT-22 SARP	Peter Giles	3/14/1996	LLNL	DT-22, SARP
CSM-0796	Criticality Safety Evaluation of LLNL Waste Drums	H. P. Alesso	4/15/1996	LLNL	Waste Drums
CSM-0797	FSP-327/239 (Issued 5/1/96) Recommended Major Changes	Rich Evarts, Dave Heinrichs	9/26/1996	LLNL	FSP-327/239
CSM-0800	Criticality Safety Evaluation for Transport, Inspection and Storage Operations with Container ID R016137	Richard Evarts, David Heinrichs	5/2/1996	LLNL	B233, Storage Container, R016137
CSM-0802	Criticality Safety Evaluation of a Conical Precast Mold in Workstation #7006	Peter Giles	5/23/1996	LLNL	WS #7006
CSM-0806	Criticality Safety issues Associated with Plans for Active and Passive Gamma Ray Tomography (Draft 331.90)	Charles Barnett	6/6/1996	LLNL	OSP 331.90
CSM-0813	Criticality Safety Studies for MPL Glove Box 7	roger Gathers	7/29/1996	LLNL	MPL, Glove Box 7
CSM-0814	Criticality Safety Studies for MPL Glove Box 9	Roger Gathers	7/31/1996	LLNL	MPL, Glove Box 9
CSM-0817, Addendum 1	Evaluation of the Change of Pu Density Control in SCCC L for WS #7008 in OSP 332.020	Tang Chiao	12/23/2003	LLNL	OSP 332.020

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CSM-0818	Criticality Safety Evaluation for OSP 332.075	G. R. Goebel	7/23/1996	LLNL	OSP 332.075
CSM-0832	Criticality Safety Evaluation for Machining of U-235 Pins in B321	Douglas Poland	10/17/1996	LLNL	Uranium, B321
CSM-0834	Criticality Safety Evaluation for OSP 332.174	Tang Chiao	10/22/1996	LLNL	OSP 332.174
CSM-0836	Criticality Safety Evaluation for Transport of Fissionable Material in the B332 RMA	Richard Evarts	10/31/1996	LLNL	Fissionable Material Transport, B332
CSM-0837	Dispersible Alpha Pu-239 in Oil, II	Roger Gathers	10/25/1996	LLNL	Pu, Dispersible
CSM-0840	Russian MRI Tests	David Heinrichs	11/1/1996	LLNL	MRI Tests
CSM-0846	Criticality Safety Evaluation for Glovebox 2, MPL	John Pearson, J. D. Lee	12/12/1996	LLNL	MPL, Glovebox 2
CSM-0846, Rev. 1	Criticality Safety Evaluation for Glovebox 2, MPL	John Pearson, J. D. Lee	1/21/1997	LLNL	MPL, Glovebox 2
CSM-0847	Comparisons of MORSE-C and ARH-600	Roger Gathers	12/12/1996	LLNL	MORSE-C

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CSM-0848	Waste Drum Storage Models	Roger Gathers	12/17/1996	LLNL	Drum Model, MORSE-C
CSM-0852	Documentation of D. Nguyen's Calculational Models for his MPL	John Pearson, J. D. Lee	12/30/1996	LLNL	MPL, MCNP
CSM-0853	Isolated Drums with Be Fill	Roger Gathers	1/10/1997	LLNL	Pu, Be
CSM-0857	Fissile Mass vs Be Cladding Thickness for Alpha Pu-239 Spheres	Roger Gathers	1/29/1997	LLNL	Pu
CSM-0859	Criticality Safety Evaluation for in Workstation #7807, #7810, #7811, and #7812 in Room 1378, Building 332	Tang Chiao	2/20/1997	LLNL	OSP 332.005
CSM-0861	Criticality Safety Evaluation for Building 175	John Pearson	7/2/1997	LLNL	B175
CSM-0870	Influence of an Operator's Hands on Critical Mass for Alpha Pu-239	Roger Gathers	5/4/1997	LLNL	Pu
CSM-0872	Criticality Safety Analysis for Building 280 Waste Operations	Jennifer Burch, William Lloyd	8/29/1997	LLNL	B280
CSM-0872, Rev. 1	Criticality Safety Analysis for Building 280 Waste Operations	Jennifer Burch, William Lloyd	1/20/1998	LLNL	B280

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CSM-0873	Scherzo 556 Benchmark	Dave Heinrichs	11/6/1997	LLNL	Benchmark, MCNP, Scherzo 556
CSM-0876	Typical Plutonium Isotopes	Dave Heinrichs	3/12/1997	LLNL	Pu Isotopes
CSM-0877	Criticality Safety Evaluation for Measurement Operations with Dry Fissionable Material in B332	Douglas Poland	3/14/1997	LLNL	Mass Limits
CSM-0878	Criticality Safety Evaluation for OSP 177.02, Building 177, Room 1010, Regulus Test Facility	John Pearson	3/21/1997	LLNL	OSP 177.02
CSM-0880	Criticality Safety Evaluation for in Workstations #7806 in Room 1378, Building 332 for Ceramic Immobilization Experiments	Tang Chiao	4/3/1997	LLNL	OSP 332.05
CSM-0882	Criticality Safety Analysis for Area 514 Waste water Treatment Tank Farm Unit Operations	J. G. Burch	7/15/1997	LLNL	Area 514
CSM-0884	Studies of Alpha Pu-239 and PuO ₂ as fully reflected spheres	Roger Gathers	5/8/1997	LLNL	Pu, PuO ₂
CSM-0887	Review of Model DT-20(70) SARP, Criticality Evaluation	Charles Barnett	5/16/1997	LLNL	SARP Review
CSM-0889	Criticality Safety Evaluation for in Workstation #4601 and #4602 in Room 1346, Building 332 for Pressing and Sintering Operations	Tang Chiao	5/22/1997	LLNL	OSp 332.176

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CSM-0889, Addendum 1	Contingency Table for OSP332.176	Tang Chiao	1/28/1998	LLNL	OSP 332.176
CSM-0894	Criticality Safety Analysis for Decontamination and Waste Treatment Facility Phase 3B Design	Tang Chiao	1997	LLNL	DWTF
CSM-0895	Preliminary Criticality Safety Analysis of AT400-MO Package Conceptual Design	John Scorby	9/24/1997	LLNL	AT400-MO
CSM-0898	Criticality Safety Evaluation of Glove Boxes 1 and 4 in Room 1010, Bidg 332 for OSP 332.075	Tang Chiao	8/1/1997	LLNL	OSP 332.075
CSM-0899	Criticality Safety Evaluation for Work on HOLOG Disks	Tang Chiao, Doug Poland	7/21/1997	LLNL	HOLOG
CSM-0903	Criticality Safety Analysis for DOT-6M Packages with Limited U-235 Contents	David Heinrichs	7/25/1997	LLNL	DOT-6M, U-235
CSM-0905	Maximum Safe mass Limits for Uranium	Dave Heinrichs	8/21/1997	LLNL	Uranium
CSM-0908	A Parametric Study on a Uranium-Water-Graphite System for Atomic Vapor Laser Isotope Separation Applications	Shang-Chih Philip Chou	1998	LLNL	Parametric Study, Uranium
CSM-0908, Rev. 1	A Parametric Study on a Uranium-Water-Graphite System for Atomic Vapor Laser Isotope Separation Applications	Shang-Chih Philip Chou	1998	LLNL	Parametric Study, Uranium

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CSM-0909	Alpha Pu-239 Surrounded by UO ₂ , U ₃ O ₈ , D-38, Roger Gathers UH ₃ & Water		9/29/1997	LLNL	Pu
CSM-091	Criticality Safety Studies, Responsibility	O. C. Kolar	2/28/1968	LLNL	Job Assignment Letter
CSM-0912	Relaxation of Fissionable material Form Control in OSP 332.011	Douglas Poland	10/10/1997	LLNL	OSP 332.011
CSM-0919	A Subcriticality Study of 55-, 30-, and 5-Gallon Drum Arrays for Steel Drums Containing Pu-239, Beryllium, and Polyethylene	W. R. Lloyd	9/1/1999	LLNL	Drum Array, Pu
CSM-0920	Criticality Safety Controls for Waste Containers within Building 693	Jennifer Burch	12/11/1997	LLNL	B693
CSM-0920, Rev. 1	Criticality Safety Controls for Waste Containers within Building 693	Jennifer Burch	1/30/1998	LLNL	B693
CSM-0920, Rev. 2	Criticality Safety Controls for Waste Containers within Building 693	Jennifer Burch	8/6/1998	LLNL	B693
CSM-0921	Criticality Safety Controls for Waste Containers within Area 514	Jennifer Burch	12/15/1997	LLNL	Area 514
CSM-0921, Rev. 1	Criticality Safety Controls for Waste Containers within Area 514	Jennifer Burch	1/30/1998	LLNL	Area 514

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CSM-0921, Rev. 2	Criticality Safety Controls for Waste Containers within Area 514	Jennifer Burch	8/6/1998	LLNL	Area 514
CSM-0922, Rev. 1	Study of a Cluster of Four 4.5 kg Alpha Pu-239 Spheres with Variable Spacing	Roger Gathers	12/22/1997	LLNL	Pu
CSM-0923, Rev. 1	Double Batch Study for Nominal Storage with 2 ft Spacing	Roger Gathers	12/22/1997	LLNL	Double Batch
CSM-0924	MCNP Verification and Validation Notebook	Criticality Safety Group	12/29/1997	LLNL	MCNP, Validation, Verification
CSM-0925	SCALE Verification and Validation Notebook	Criticality Safety Group	1997	LLNL	SCALE, Verification, Validation
CSM-0926	COG Verification and Validation Notebook	Criticality Safety Group	1997	LLNL	COG, Verification, Validation
CSM-0927	SAN Verification and Validation Notebook	Criticality Safety Group	12/29/1997	LLNL	SAN, Verification, Validation
CSM-0928	MORSE-C Verification and Validation Notebook	Criticality Safety Group	1997	LLNL	MORSE-C, Verification, Validation
CSM-0930	Comparative Risk Analysis to Establish Fire Fighting Guidelines for Building 332	John Scorby	2/3/1998	LLNL	Risk Analysis, Fire

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CSM-0933	Criticality Safety Analysis report of AVLIS IPD Canister Operations	Christa Boman	2/3/1998	LLNL	SDF
CSM-0933, Rev. 1	Criticality Safety Analysis Report on Atomic Vapor laser Isotope Separation IPD Canister Operations	Christa Boman	3/23/1998	LLNL	SDF
CSM-0933, Rev. 2	Criticality Safety Analysis Report on Atomic Vapor laser Isotope Separation IPD Canister Operations	Christa Boman	10/27/1998	LLNL	SDF
CSM-0935	Criticality Safety Analysis Report: Benchmark of SCALE4.3 and MCNP4B for IPD Criticality Analysis	Christa Boman	2/1998	LLNL	Validation, MCNP4B, SCALE4.3
CSM-0936	U-233, U-235, Pu-239 Minimum Critical Masses (High Density Polyethylene Moderation with Various Reflector Materials	Dave Heinrichs	2/9/1998	LLNL	Critical Mass, U-233, U-235, Pu-239
CSM-0940	Criticality Safety Analysis Report on Array of #3 Juice Cans for AVLIS Applications	Shang-Chih Philip Chou	1998	LLNL	Juice Can
CSM-0941	Criticality Safety Controls for Waste Containers within Area 612	Jennifer Burch	4/6/1998	LLNL	Area 612
CSM-0942, Addendum 2	Criticality Safety Evaluation for 1000 g Fissionable Material in a "ONE LITER" Container	Tang Chiao	9/15/1998	LLNL	One Liter Container
CSM-0943	Array Calculations	Dave Heinrichs	3/3/1998	LLNL	Pu, Array

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CSM-0944	Criticality Safety Analysis on Area 514-1 Cold-Vapor Evaporator Unit Operations	Shang-Chih Philip Chou	4/1998	LLNL	Area 514-1
CSM-0944, Rev. 1	Criticality Safety Analysis on Area 514-1 Cold-Vapor Evaporator Unit Operations	Shang-Chih Philip Chou	1/2000	LLNL	Area 514-1
CSM-0945	Criticality Safety Evaluation of Building 177 Operations	Jennifer Burch	4/1998	LLNL	B177
CSM-0946	Criticality Safety Analysis Report of AVLIS IPD Pod Disassembly and Refurbishment	Brian Kidd	3/27/1998	LLNL	SDF
CSM-0948	Additional Criticality Safety Analysis to Support the Criticality Safety Condition 1 Controls	Tang Chiao	4/1/1998	LLNL	Condition 1
CSM-0948, Addendum 1	Additional Criticality Safety Analysis to Support the Criticality Safety Condition 1 Controls	Tang Chiao	4/2/1998	LLNL	Condition 1
CSM-0948, Addendum 2	Additional Criticality Safety Analysis to Support the Criticality Safety Condition 1 Controls	Tang Chiao	4/6/1998	LLNL	Condition 1
CSM-0950	Criticality Safety Analysis for B332, Room 1050	Roger Gathers	4/3/1998	LLNL	Room 1050
CSM-0952, Rev. 2	Criticality Safety Analysis for OSP 332.84 Condition 1	Roger Gathers	4/17/1998	LLNL	OSP 332.84

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CSM-0953	PuBe ₁₃ Critical and Safe Masses	Dave Heinrichs	4/8/1998	LLNL	PuBe
CSM-0954, Rev. 2	Criticality Safety Analysis for OSP 332.84 Conditions 2 and 3	Roger Gathers	4/17/1998	LLNL	OSP 332.84
CSM-0955, Rev. 2	Criticality Safety Analysis for OSP 332.84 Condition 4	Roger Gathers	4/17/1998	LLNL	OSP 332.84
CSM-0956, Rev. 1	Criticality Safety Analysis for OSP 332.84 Condition 6	Roger Gathers	4/17/1998	LLNL	OSP 332.84
CSM-0957	Criticality Safety Analysis for OSP 332.84 Condition 5	Roger Gathers	4/9/1998	LLNL	OSP 332.84
CSM-0958	PuBe ₂₄ Critical and Safe Masses	Dave Heinrichs	4/10/1998	LLNL	PuBe
CSM-0959	Criticality Safety Analysis for DOT-6M/2R Packages with Limited Pu/Be Contents	David Heinrichs	4/14/1998	LLNL	DOR-6M/2R, Pu/Be
CSM-0960, Rev. 1	Review of OSP332.32 Nuclear Material Measurements Rooms 1314, 1314A, and 1337B	Jennifer Burch	10/23/1998	LLNL	OSP 332.32
CSM-0960, Rev. 2	CSE for OSP332.32 Nuclear Material Measurements Rooms 1314, 1314A, and 1337B	Jennifer Burch	10/26/1998	LLNL	OSP 332.32

Document_No	Document Title	Authors	Date	Location	Keywords
CSM-0960, Rev. 3	Criticality Safety Evaluation for OSP332.32 Nuclear Material Measurements Rooms 1314, 1314A, and 1337B	Jennifer Burch	12/7/2001	LLNL	OSP 332.32
CSM-0960, Rev. 4	Criticality Safety Evaluation for OSP332.32 Nuclear Material Measurements Rooms 1314, 1314A, and 1337B	Jennifer Burch	6/23/2003	LLNL	OSP 332.32
CSM-0960, Rev. 5	Criticality Safety Evaluation for OSP332.32 Nuclear Material Measurements Rooms 1314, 1314A, and 1337B	S. F. Kessler	5/20/2004	LLNL	OSP 332.32
CSM-0961	Criticality Safety Evaluation for OSP332.163 (Condition D)	John Scorby	4/18/1998	LLNL	OSP 332.163
CSM-0962	Criticality Safety Evaluation for OSP332.183 (Condition D)	John Scorby	4/18/1998	LLNL	OSP 332.183
CSM-0962, Rev. 1	Criticality Safety Evaluation for OSP332.183 (Condition D)	John Scorby	7/9/1998	LLNL	OSP 332.183
CSM-0962, Rev. 2	Criticality Safety Evaluation for OSP332.183 (Pu Aging Study)	John Scorby	12/3/1998	LLNL	OSP 332.183
CSM-0962, Rev. 2, Addendum 1	Basic Annual review of OSP 332.183	Harvey Goldberg	1/26/2007	LLNL	OSP 332.183
CSM-0967	Criticality Safety Analysis for OSP 332.84 Actinide Storage	Roger Gathers	4/17/1998	LLNL	OSP 332.84

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CSM-0968	Technical Basis for Plutonium Handling: A Parametric Study	Shang-Chih Philip Chou	1998	LLNL	Condition B
CSM-0970	Criticality Safety Evaluation of the Building 177 Metallography Facility (OSP 177.18)	Richard Evarts	4/1998	LLNL	B177, OSP 177.18
CSM-0971, Rev. 1	Review of OSP 332.073 Gamma Ray Measurements of Plutonium and Uranium Room 1314A Workstations #1415, #1422, #1433 and Transfer/Work Table	Jennifer Burch	6/12/1998	LLNL	OSP 332.073
CSM-0971, Rev. 3	Review of OSP 332.073 Gamma Ray Measurements of Plutonium and Uranium Room 1314A Workstations #1415, #1422, #1433 and Transfer/Work Table	Jennifer Burch	7/20/1998	LLNL	OSP 332.073
CSM-0978	Foil Packaging	Roger Gathers	4/30/1998	LLNL	U Foil
CSM-0980	Alpha Pu-239 surrounded by UO ₂ , U ₃ O ₈ , D-38, UH ₃ , & water II	Roger Gathers	5/5/1998	LLNL	Pu
CSM-0981	Double Batch Study with 4.5 kg Alpha Pu-239 Sphere	Roger Gathers	5/5/1998	LLNL	Pu
CSM-0982	Criticality Safety Evaluation for OSP 332.176 in Tang Chiao New Format	Tang Chiao	5/14/1998	LLNL	OSP 332.176
CSM-0982, Addendum 1	Criticality Safety Evaluation for Equipment Modification Redesign in WS4601 (Room1346) under OSP332.176	Harvey Goldberg	1/16/2003	LLNL	OSP 332.176

Document_No	Document Title	Authors	Date	Location	Keywords
CSM-0982, Addendum 1	Response to Review Comments for Criticality Safety Evaluation for OSP 332.176	Tang Chiao	8/5/1998	LLNL	OSP 332.176
CSM-0982, Addendum 2	Criticality Safety Evaluation for OSP332.176: Adding Weighing and Mixing of Ceramic Powders Operations in WS #4601 & #4602	Tang Chiao	9/2/1998	LLNL	OSP 332.176
CSM-0984	Criticality Safety Evaluation for OSP332.171 in New Format	Tang Chiao	9/2/1998	LLNL	OSP 332.171
CSM-0985	Four-plex rack Model to Test a Simplified Model	Roger Gathers	5/14/1998	LLNL	Condition 4
CSM-0986	MCNP/ENDF60 Validation Check for Tantalum	Dave Heinrichs	5/20/1998	LLNL	Ta
CSM-0987	Criticality Safety Evaluation for Condition B for Thick Metal Reflector of Process Equipment	Tang Chiao	6/5/1998	LLNL	Condition B
CSM-0989	Technical Bases for Standardized Criticality Safety Controls for Building 332 Condition 4	Jennifer Burch	6/20/1998	LLNL	Condition 4
CSM-0990	Revised Condition 1 Calculations	Roger Gathers	6/10/1998	LLNL	Condition 1
CSM-0991	Additional Criticality Safety Analysis to Support the Criticality Safety Condition 1 Controls Applied to OSP332.169	Tang Chiao	6/10/1998	LLNL	OSP 332.169

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CSM-0992	Fissionable Material Pu-239 Equivalence Conversion for Hazardous Waste Management Waste Container and Process Mass Limits	Shang-Chih Philip Chou	9/1998	LLNL	HWM
CSM-0992, Rev. 1	Fissionable Material Pu-239 Equivalence Conversion for Hazardous Waste Management Waste Container and Process Mass Limits	Shang-Chih Philip Chou	10/1998	LLNL	HWM
CSM-0994, Rev. 1	Criticality Safety Evaluation for OSP 332.179 Portable Gamma Scanner Room 1337 Workstation #3723 and #3725	Jennifer Burch	7/20/1998	LLNL	OSP 332.179
CSM-0994, Rev. 1, Addendum 1	Criticality Safety Evaluation for OSP 332.179 Portable Gamma Scanner Room 1337 Workstation #3723 and #3725	Jennifer Burch	5/25/2001	LLNL	OSP 332.179
CSM-0995	Criticality Safety Analysis for One BAGPIPE or CLARINET Assembly in the Model FL Container	David Heinrichs	7/10/1998	LLNL	FL Container, BAGPIPE, CLARINET
CSM-0996	Additional Criticality Safety Analysis to Support the Standardized Criticality Safety Control Conditions 1-04 as Applied to OSP332.169	Jennifer Burch	6/29/1998	LLNL	OSP 332.169
CSM-0996, Rev. 2, Addendum 2	Criticality Safety Evaluation for the Addition of V6 to OSP332.169	Jennifer Burch	5/19/2003	LLNL	OSP 332.169
CSM-0998	Additional Criticality Safety Analysis to Support the Standardized Criticality Safety Control Conditions 1-4 as Applied to OSP332.149	Tang Chiao	7/7/1998	LLNL	OSP 332.149
CSM-1000	Technical Basis for Condition 2 Mass Limits	Roger Gathers	7/14/1998	LLNL	Condition 2

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CSM-1001	Technical Basis for Condition 1 mass limits	Roger Gathers	8/14/1998	LLNL	Condition 1
CSM-1002, Rev. 1	Analysis for the Revised FMT Cart Controls for the B332 FSP Appendix D	John Scorby	4/20/1999	LLNL	FMT Cart Control
CSM-1003	The Criticality Safety Infraction Assessment for WS #2901	Tang Chiao	8/3/1998	LLNL	WS #2901
CSM-1004	The Criticality Safety Infraction Assessment for Building 693 Nat-U and Dep-U Array Storage	Shang-Chih Philip Chou	8/10/1998	LLNL	B693
CSM-1005	BAGPIPE Criticality Safety Statement	Dave Heinrichs	8/10/1998	LLNL	BAGPIPE
CSM-1005, Addendum 1	BAGPIPE Criticality Safety Statement- Addendum 1	Dave Heinrichs	8/25/1998	LLNL	BAGPIPE
CSM-1006	Studies of Single-Batched Pu and Water Mixtures	Roger Gathers	8/12/1998	LLNL	Pu
CSM-1007, Rev. 2, Addendum 1	Technical basis for Standardized Criticality Control Condition W for Storage, Measurement and Repackaging of TRU and LLW in Building 332	Jennifer Burch	5/25/2001	LLNL	SCCC W
CSM-1009	Measurement of Pu & Oy Targets in B334	Tang Chiao	8/17/1998	LLNL	Pu, Oy

Document_No	Document Title	Authors	Date	Location	Keywords
CSM-1010	Operations with Unlimited J225 Graphite	Dave Heinrichs	8/21/1998	LLNL	W/S 7002
CSM-1011	Criticality Safety Evaluation for OSP 332.005, Workstations #7801, #7802, #7805, #7806, #7807, #7810, #7811, and #7812	John Pearson, J. D. Lee	8/10/1998	LLNL	OSP 332.005
CSM-1011, Rev. 1	Criticality Safety Evaluation for OSP 332.005, Workstations #7801, #7802, #7805, #7806, #7807, #7810, #7811, and #7812	John Pearson, J. D. Lee	12/4/1998	LLNL	OSP 332.005
CSM-1011, Rev. 1, Addendum 1	Criticality Safety Evaluation for OSP332.005 (Room 1378), Minor Changes in the Analysis with Polyethylene Glycol (PEG) and the Addition of a New Moderator, Octanol	Debdas Biswas	2/1/2007	LLNL	OSP 332.005
CSM-1011, rev. 1, Addendum 2	Criticality Safety Evaluation for the Addition of Two New Chemicals in Room 1378 under OSP332.005	Debdas Biswas	7/16/2008	LLNL	OSP 332.005
CSM-1012	Technical Basis for Condition C with Pu (1200 g Pu and 2.5 L Liquid Moderator), Criticality Analysis and Methods validation	J. D. Lee	9/3/1998	LLNL	Condition C
CSM-1013	B332 W/S 7006 Foundry Operations	Dave Heinrichs	8/28/1998	LLNL	W/S 7006
CSM-1015	Technical basis for a Proposed Revised Standard Criticality Control Condition B	John Pearson, Shang-Chih Philip Chou	11/16/1998	LLNL	SCCC B
CSM-1016	MCNP/ENDF60 Validation Check for Pu Metal Shapes with Graphite	Dave Heinrichs	9/12/1998	LLNL	MCNP, Validation, Pu Metal

Document_No	Document Title	Authors	Date	Location	Keywords
CSM-1017	Technical Basis for Condition C with U-235 (2000g U-235 and 2.5 L Liquid Moderator), Criticality Analysis and Methods Validation	J. D. Lee	9/10/1998	LLNL	SCCC C
CSM-1023	Criticality Safety Evaluation and Approval for Use of the New SDF Withdrawal Canisters	Richard Evarts	10/5/1998	LLNL	SDF
CSM-1028	Study of 220 g alpha Pu-239 mixed with Water or Be and Fully Reflected	Roger Gathers	10/13/1998	LLNL	Pu
CSM-1029	Multi-Material Cladding Study of Alpha Pu-239, Roger Gathers Delta Pu-239, and U-235		10/13/1998	LLNL	Cladding Study
CSM-1030	Study of 4.5 kg Alpha Pu-239 Hollow Shells	Roger Gathers	10/13/1998	LLNL	Pu
CSM-1031	Plutonium Corrosion Studies	Roger Gathers	10/15/1998	LLNL	Pu
CSM-1032	B334 gamma-Ray Isotopics Measurement Test Plan for Information Barrier Demonstration	Tang Chiao	10/16/1998	LLNL	B334
CSM-1033	Condition B for Forming Apparatus Assembly in Workstation #6901, Room 1369, B332	Tang Chiao	10/18/1998	LLNL	Condition B
CSM-1034	Criticality Safety Analysis on 30- and 55-Gallon Drum Nat-U and Dep-U Storage with Polyethylene (PE), TrimSol, and Superla	Shang-Chih Philip Chou	10/1998	LLNL	HWM

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CSM-1036	60-gram Pu-239 Mass Limits for Interim Quad Storage Tanks Operations	Shang-Chih Philip Chou	10/28/1998	LLNL	HWM
CSM-1038	Documentation of Nuclear Criticality Safety Analysis to Support a 3.75% Enrichment Limit	C. Boman	10/27/1998	LLNL	IPD
CSM-1039	Criticality Safety Evaluation for OSP 332.043, Inspection Facilities, B332, Room 1362, Workstations #6202, #6209, and #6210	John Pearson	11/10/1998	LLNL	OSP 332.043
CSM-1039, Addendum 1	Addition of Equipment to Workstation 6210 under OSP332.043	Harvey Goldberg	12/11/2003	LLNL	OSP 332.043
CSM-1040	Criticality Safety Evaluation for OSP 332.174	Tang Chiao	11/10/1998	LLNL	OSP 332.174
CSM-1040, Addendum 1	Criticality Safety Evaluation for OSP 332.174	Tang Chiao	11/10/1998	LLNL	OSP 332.174
CSM-1040, Addendum 2	Criticality Safety Evaluation for WS #3707 Covered by OSP332.174 and the Revision of SCCC P for WS #7808, WS #4618, and the Programmatic Workstation #3707	Tang Chiao	3/16/1999	LLNL	OSP 332.174
CSM-1044	Additional Parametric Study to CSM-908 Rev. 1 on a Uranium-Water-Graphite System for Atomic Vapor Laser Isotope Separation Application	Shang-Chih Philip Chou	1998	LLNL	IPD
CSM-1045	Criticality Safety Evaluation of the Revised Criticality Safety Controls for the Separatior Demonstration Facility (SDF) IPD Runs	Richard Evarts	11/4/1998	LLNL	IPD

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CSM-1046	MPL Glove Box 9 Update	Roger Gathers	11/5/1998	LLNL	Glovebox
CSM-1049	The Criticality Safety Non-Compliance Assessment for Area 514 Mixed-Sized-Container Array Storage	Shang-Chih Philip Chou	11/9/1998	LLNL	HWM
CSM-1050	Criticality Safety Evaluation for OSP332.156	Tang Chiao	11/10/1998	LLNL	OSP 332.156
CSM-1053	Criticality Safety Approval for OSP332.171 Changes, an Addendum to CSM 984	Tang Chiao	11/17/1998	LLNL	OSP 332.171
CSM-1055	Limited Recast Mold Use for Recovery of Pu Feedstock	Dave Heinrichs	11/17/1998	LLNL	OSP 332.20
CSM-1057	Criticality Safety Evaluation for OSP332.47, Workstation #7003	John Pearson	11/19/1998	LLNL	OSP 332.47
CSM-1059	Beyond Criticality Concern Amounts of Fissionable Material for HWM	Shang-Chih Philip Chou	1/12/1999	LLNL	HWM
CSM-1062	Technical basis for a Proposed Revised Standard Criticality Control Condition	John Pearson, Shang-Chih Philip Chou	12/17/1998	LLNL	SCCC B
CSM-1063	CLARINET Criticality Safety Statement	Dave Heinrichs	12/10/1998	LLNL	CLARINET

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CSM-1065	Minor Process & Equipment Changes to OSP332.163 (WS#2203) and OSP332.40 (WS#6904)	Tang Chiao	12/16/1998	LLNL	OSP 332.163
CSM-1066	Analysis for SCCC 5 and SCCC P	John Scoby	12/17/1998	LLNL	SCCC 5, SCCC P
CSM-1066	Analysis for SCCC 5 and SCCC P	John Scorby	12/17/1998	LLNL	SCCC 5, SCCC P
CSM-1068	Criticality Safety Evaluation for OSP 332.60	Tang Chiao	1/12/1999	LLNL	OSP 332.60
CSM-1068, Addendum 1	Criticality Safety Evaluation for a New Fixture for WS #6109 (OSP 332.60)	Tang Chiao	5/26/1999	LLNL	OSP 332.60
CSM-1074	B332 W/S 7006 Recast Mold Operations	Peter Giles	5/24/1999	LLNL	W/S 7006
CSM-1076	B332 W/S 7006 Pu Recovery Operation Using a Recast Mold	Dave Heinrichs	1/26/1999	LLNL	W/S 7006
CSM-1077	Criticality Safety Evaluation for Operations under OSP332.187	John Scorby	6/2/2000	LLNL	OSP 332.187
CSM-1081	Criticality Safety Evaluation for Cryogenic Operations under OSP332.079	John Scorby	3/5/1999	LLNL	OSP 332.079

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CSM-1084	Criticality Safety Evaluation and Approval for Pod Modification-ECR/O #05477 (Array View Camera)	Richard Evarts	3/10/1999	LLNL	ECR/O #05477
CSM-1085	Criticality Safety Evaluation for OSP332.144 for SCCC D	John Scorby	5/17/1999	LLNL	OSP 332.144
CSM-1086	Criticality Safety Analysis on Area 514-1 Tank Blending Unit Operations	Shang-Chih Philip Chou	3/1999	LLNL	Tank Blending Unit, Area 514 -1
CSM-1087	Criticality Safety Analysis on the Use of Mixed-Size and Mixed-Type Arrays for the Storage of Containers of Different Sizes and Types at Hazardous Waste Management Facilities	Shang-Chih Philip Chou	9/1999	LLNL	HWM
CSM-1087, Rev. 1	Criticality Safety Analysis on the Use of Mixed-Size and Mixed-Type Arrays for the Storage of Containers of Different Sizes and Types at Hazardous Waste Management Facilities	Shang-Chih Philip Chou	9/2001	LLNL	HWM
CSM-1089	Criticality Safety Evaluation of DOT 6M/2R Array Spacing Requirements for AVLIS Operations	Richard Evarts	3/15/1999	LLNL	Spacing Requirement
CSM-1092	Criticality Safety Evaluation of DOT 6M/2R Array Spacing Requirements for B177 Operations	Richard Evarts	3/25/1999	LLNL	Spacing Requirement
CSM-1094	Technical basis for the Criticality Safety Controls for OSP 332.143 Vacuum Pump Disposal Containment Tents Room 1345	Jennifer Burch	4/23/1999	LLNL	OSP 332.143
CSM-1095	Criticality Safety Evaluation for OSP 332.054, Thermocycling, Room 1370, Workstation 7001	John Pearson	7/15/1999	LLNL	OSP 332.054

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CSM-1099	Criticality Safety Evaluation for WS#7808, Room 1378, B-332	Tang Chiao	4/22/1999	LLNL	WS #7808
CSM-1100	Unknown Quantity Accountable materials in B251	Dave Heinrichs	4/27/1999	LLNL	B251
CSM-1101	Criticality Safety Evaluation for Operations in OSP332.079 and OSP332.175	John Scorby	4/29/1999	LLNL	OSP 332.079, OSP 332.175
CSM-1109	Criticality Safety Evaluation for Operations in OSP332.004	John Scorby	8/10/1999	LLNL	OSP 332.004
CSM-1109, Addendum 1	Criticality Safety Evaluation for Operations in OSP-332.004, Pump Down/Backfill Station	A. D. Wilkinson	9/20/2006	LLNL	OSP 332.004
CSM-1112	Evaluation of the Slab and Book Molds for OSP332.020	John Scorby	7/23/1999	LLNL	OSP 332.020
CSM-1113	Criticality Safety Evaluation for the Application of SCCC 1, 2, 3, A, and W to OSP332.168	Jennifer Burch	7/9/1999	LLNL	OSP 332.168
CSM-1113, Rev. 1	Criticality Safety Evaluation for the Application of SCCC 1, 2, 3, A, and W to OSP332.168	Jennifer Burch	7/22/1999	LLNL	OSP 332.168
CSM-1114	Criticality Safety Analysis for One OBOE Assembly in DT-22 Packaging	David Heinrichs	7/14/1999	LLNL	OBOE, DT-22

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CSM-1115	Criticality Safety Analysis for DOT-6M/2R (55Gal) Packages with AVLIS Product Contents	David Heinrichs	7/21/1999	LLNL	DOT-6M/2R, AVLIS
CSM-1117	Criticality Safety Analysis for the OBOE Experiments at U1a	Vlad Georgevich	8/2/1999	LLNL	OBOE, U1a
CSM-1118	Criticality Safety Evaluation for Operations in OSP 332.149	Santiago Parra	7/12/1999	LLNL	OSP 332.149
CSM-1118, Rev. 1	Criticality Safety Evaluation for Operations in OSP 332.149	Santiago Parra	8/27/2000	LLNL	OSP 332.149
CSM-1123	MCNP/ENDF60 Validation Check for U-233 "Fast" Metal System	Vlad Georgevich	8/18/1999	LLNL	U-233, Validation, MCNP
CSM-1125	Criticality Safety Evaluation of a New Recast Mold for B332 Workstation 7006 Foundry Operations	Santiago Parra	8/19/1999	LLNL	OSP 332.020
CSM-1127	The Technical Basis of the Criticality Safety Non-Compliance Assessment for the August 20, 1999 on the Reflector Non-Compliance for Containers Stored in A514 and A612	Shang-Chih Philip Chou	8/26/1999	LLNL	Infraction Assessment
CSM-1128	OBOE Criticality Safety Statement	David Heinrichs	8/25/1999	LLNL	OBOE, TI
CSM-1129	Criticality Safety Evaluation for Non-Destructive Assay of Pu Metal Parts with a Maximum Pu Mass of 400 g in B334	Jennifer Burch	8/31/1999	LLNL	B334

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CSM-1132	Operations in the B-231V with 220 g Pu-239 or 350 g U-235	David Heinrichs	9/15/1999	LLNL	B231V
CSM-1136	Criticality Safety Analysis on the Mixed Be, Nat-U, and C (Graphite) Reflectors in 55-Gallon Waste Drums and their Equivalents for HWM Applications	Shang-Chih Philip Chou	12/1999	LLNL	HWM
CSM-1140	Criticality Safety Evaluation for New Blender Solutions Used in WS# 4601 and WS# 44602 in Room 1346 (OSP 332.176), and used for V-Blender in Room 1378 (OSP 332.005), Building 332	Tang Chiao	10/21/1999	LLNL	OSP 332.176
CSM-1141	Criticality Safety Evaluation for OSP332.191	Tang Chiao	10/26/1999	LLNL	OSP 332.191
CSM-1143	Criticality Safety Evaluation for a new HYDEC mold in WS#1023, Room 1010 (OSP332.178), Building 332	Tang Chiao	11/16/1999	LLNL	OSP 332.178
CSM-1144	Criticality Safety Evaluation for a Crucible for Fluid Bed Calcination in WS #1030, Room 1010 (OSP332.75), Building 332	Tang Chiao	11/24/1999	LLNL	OSP 332.75
CSM-1146	Criticality Safety Analysis for UN1A2 Packages with Limited Enriched Uranium Contents	David Heinrichs	1/25/2000	LLNL	UN1A2
CSM-1149	Notes on a Proposed Oy Machining Operation in B321	Dave Heinrichs	3/2/2000	LLNL	B321, Oy
CSM-1153	Criticality Safety Evaluation of OSP 332.172 for Addition of Standardized Criticality Control Condition D	Santiago Parra	3/31/2000	LLNL	SCCC D, OSP 332.172

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CSM-1155	Criticality Safety Analysis for DOT-6M/2R (55Gal) Packages with Contents Limited to 300 Grams of Plutonium and 1 kg of Plastic	David Heinrichs	4/8/2000	LLNL	DOT-6M/2R, Pu
CSM-1156	Criticality Safety Analysis for 55 Gallon Drums with Limited Plutonium Contents	David Heinrichs	4/8/2000	LLNL	55 Gallon Drum
CSM-1159	Criticality Safety Evaluation for Advanced Technical Drill-No.2 in B334	Tang Chiao	4/28/2000	LLNL	B334
CSM-1161	Criticality Safety Evaluation for Operations under OSP332.37	John Scorby	10/20/2000	LLNL	OSP 332.37
CSM-1161, Addendum 1	Criticality Safety Evaluation for Modification of SCCC T for Operations under OSP 332.37	John Scorby	3/23/2001	LLNL	SCCC T, OSP 332.37
CSM-1161, Addendum 2	Change to Reflector Limit in SCCC T, OSP332.037	John Pearson	6/8/2001	LLNL	SCCC T, OSP 332.037
CSM-1161, Rev. 3	Criticality Safety Section Review of Proposed Change to SCCC T	harvey Goldberg	8/8/2006	LLNL	SCCC T
CSM-1163	Criticality Safety Evaluation for OSP332.190	Tang Chiao	7/7/2000	LLNL	OSP 332.190
CSM-1164	Criticality Safety Evaluation for the Addition of the Vacuum System into OSP 332.002	Santiago Parra	5/26/2000	LLNL	OSP 332.002

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CSM-1167	Criticality Safety Evaluation of the Cutting Fluid Tank and Collection Tube System for OSP 332.002	Santiago Parra	7/14/2000	LLNL	OSP 332.002
CSM-1169	Criticality Safety Evaluation for Changes in OSP332.005	Tang Chiao	9/12/2000	LLNL	OSP 332.005
CSM-1170	Criticality Safety Evaluation for WS#3708 Modifications in OSP332.156	Tang Chiao	11/7/2000	LLNL	OSP 332.156
CSM-1172	Criticality Safety Statement for LLNL Shipment of Fissile Materials - Exceptions per 49CFR173.453 (a) and 10CFR71.53(a)	David Heinrichs	9/27/2000	LLNL	Criticality Safety Statement
CSM-1173	Criticality Safety Evaluation for a new Direct Metal Oxidization Process in WS#1023, Room 1010 (OSP332.178), Building 332	Tang Chiao	10/4/2000	LLNL	OSP 332.178
CSM-1174	Criticality Safety Analysis for DOT -6M/2R/INSERT(55Gal) Packages with Contents Limited to 500 Grams of U-233 and 1 kg of Plastic	David Heinrichs	9/28/2000	LLNL	DOT-6M/2R
CSM-1175	Criticality Safety Evaluation for OSP 332.018, Workstation 30A1, "Sample Preparation and Operation of the Scanning Electron Microscope/Electron Microprobe"	John Pearson	10/3/2000	LLNL	OSP 332.018
CSM-1176	The Technical Basis of the Criticality Safety Non-Compliance Assessment for the OCTober 5, 2000 Event on the Fissile Overmass for Sealed Plutonium Source Container	Shang-Chih Philip Chou	10/9/2000	LLNL	Fissile Overmass, Pu Source
CSM-1177	Criticality Safety Evaluation of JASPER Operations and the JASPER FSP	Richard Evarts	10/12/2000	LLNL	JASPER

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CSM-1179, Addendum 1	Criticality Safety Evaluation for Equipment Modification under OSP332.002	Harvey Goldberg	5/30/2003	LLNL	OSP 332.002
CSM-1181	Technical Basis for Standard Criticality Control Condition Z	Santiago Parra, S. Philip Chou	11/8/2000	LLNL	SCCC Z
CSM-1182	Criticality Safety Evaluation of the Cookie Mold Assembly Under SCCC E for OSP332.75	Tang Chiao	11/20/2000	LLNL	SCCC E, OSP 332.75
CSM-1183	Criticality Safety Evaluation for HYDOX Operations in WS#10XX under OSP332.194	Tang Chiao	12/7/2000	LLNL	OSP 332.194
CSM-1186, Addendum 1	Criticality Safety Evaluation of Minor Change to TECH-1-D-SNM	Catherine Percher	2/8/2010	LLNL	TECH-1-D-SNM
CSM-1187	Criticality Safety Evaluation of the Stick Mold and Split Mold under SCCC E for OSP332.75 and CSE of the modification of the closed loop cooling system for the furnace inside WS#1026 of Glovebox 9	Tang Chiao	1/17/2001	LLNL	OSP 332.75, Glovebox 9
CSM-1191	Technical Basis for Standard Criticality Control Condition S	Santiago Parra	5/15/2001	LLNL	SCCC S
CSM-1194	Criticality Safety Evaluation for DAF Operations with NP-237 Source	Richard Evarts	4/13/2001	LLNL	DAF, Np-237 Source
CSM-1196	Criticality Safety Evaluation for Adding SCCC D to OSP332.005	Tang Chiao	4/18/2001	LLNL	SCCC D, OSP 332.005

Document_No	Document Title	Authors	Date	Location	Keywords
CSM-1199	Addition of SCCC C and D to OSP-332.184 Inspection, Package, and Repackage Station	Jennifer Burch	5/2/2001	LLNL	SCCC C, SCCC D, OSP 332.184
CSM-1201	Criticality Safety Evaluation for the Modifications of Criticality Safety Controls in OSP332.173	Tang Chiao	5/15/2001	LLNL	OSP 332.173
CSM-1201, Addendum 1	Criticality Safety Evaluation for the Modifications of Criticality Safety Controls in OSP-332.173	Alan Wilkinson	7/26/2005	LLNL	OSP 332.173
CSM-1204	Criticality Safety Evaluation of the Carbon Dioxide Cleaning Operations Covered by OSP 331.091	Santiago Parra	6/21/2001	LLNL	OSP 331.091
CSM-1206	Criticality Safety Evaluation of the On-Site Transportation of a Loaded 3013 Container in an AL-R8 Container and the Radiography of a Loaded 3013 Container in B239	Tang Chiao	6/27/2001	LLNL	AL-R8
CSM-1208	Criticality Safety Evaluation for OSP332.199	Tang Chiao	9/18/2001	LLNL	OSP 332.199
CSM-1208, Addendum 1	Criticality Safety Evaluation for the Modifications to OSP332.199	Tang Chiao	9/22/2004	LLNL	OSP 332.199
CSM-1209	Criticality Safety Evaluation for OSP332.188	Tang Chiao	7/2/2001	LLNL	OSP 332.188
CSM-1210	Criticality Safety Evaluation for OSP 332.189, Workstation 2109, "Dilatometry of Plutonium Enriched in Pu-238	John Pearson	7/6/2001	LLNL	OSP 332.189

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CSM-1211	Criticality Safety Evaluation for On-Site Transportation of Three Uranium Oxide Standards for Measurement Exercise (MR060801) in B334	Jennifer Burch	7/5/2001	LLNL	uranium oxide, AL-R8
CSM-1212	Criticality Safety Evaluation of a New Button Mold (AAA01-104600) for OSP332.178	Tang Chiao	7/18/2001	LLNL	OSP 332.178
CSM-1216	A Parametric Study of Plutonium Oxide Powder Systems	Darby Kimball, santiago Parra	6/25/2001	LLNL	Pu Oxide
CSM-1220	Criticality Safety Analysis on the Area 612 Size Reduction Unit Operations	Shang-Chih Philip Chou	8/2001	LLNL	B612
CSM-1221	Insignificant Quantities of U-235, U-233, and Pu-239 in DAF Operations	Richard Evarts	9/18/2001	LLNL	Definition
CSM-1224	Criticality Safety Evaluation for Modifications in OSP332.60	Tang Chiao	10/25/2001	LLNL	OSP 332.60
CSM-1226	Criticality Safety Evaluation for OSP261.32	John Scorby	1/18/2002	LLNL	OSP 261.32
CSM-1227	Criticality Safety Evaluation of the Coordinate Measuring Machine for OSP 332.196	Santiago Parra	10/10/2001	LLNL	OSP 332.196
CSM-1234	A Summary of Bounding Conditions Used in Criticality Safety Analysis for HWM Waste Storage Operations	Shang-Chih Philip Chou	11/2001	LLNL	HWM

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CSM-1235	Criticality Safety Evaluation for Fissionable Material Transfers in the Building 332 RMA	John Pearson	10/31/2001	LLNL	Fissionable Material Transfer
CSM-1235, Rev. 1	Criticality Safety Evaluation for Fissionable Material Transfers in the Building 332 RMA	John Pearson	3/28/2003	LLNL	Fissionable Material Transfer
CSM-1236	Criticality Safety Evaluation for the addition of SCCC O to OSP 332.191 and Addition of the RGD to the Approved Equipment List	Harvey Goldberg	12/27/2001	LLNL	OSP 332.191
CSM-1238	Criticality Safety Evaluation of New Molds for Glovebox 2, OSP332.200	Tang Chiao	11/12/2001	LLNL	OSP 332.200
CSM-1241	Likelihood of Achieving a Critical Configuration	John Pearson	11/28/2001	LLNL	Critical Configuration
CSM-1242	Criticality Safety Evaluation of the Gravity Cast Ball Mold for OSP 3332.020	Santiago Parra	11/29/2001	LLNL	OSP 332.020
CSM-1245, Addendum 1	Criticality Safety Section Review of New Safety Plan OSP 332.210	Harvey Goldberg	9/27/2005	LLNL	OSP 332.210
CSM-1250	Criticality Safety Analysis for the JASPER Target Assemblies in DT-22 Packaging	David Heinrichs	3/15/2002	LLNL	JASPER, Target, DT-22
CSM-1250, Rev. 1	Criticality Safety Analysis for the JASPER Target Assemblies in DT-22 Packaging	David Heinrichs	9/17/2002	LLNL	JASPER, Target, DT-22

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CSM-1252	Analysis for MPL Glovebox 1 (WS #1006, 1007, & 1008), OSP332.202	Tang Chiao	2/7/2002	LLNL	OSP 332.202
CSM-1254	Criticality Safety Evaluation for Operations under OSP235.37	John Scorby	2/21/2002	LLNL	OSP 235.37
CSM-1256, Addendum 1	Inclusion of Pu-239 as a Target Material for Transportainer Measurements in OSP231.144	John Scorby	5/15/2002	LLNL	OSP 231.144
CSM-1258	Criticality Safety Evaluation for the Addition of Equipment and Operations in OSP332.017	Tang Chiao	3/12/2002	LLNL	OSP 332.017
CSM-1264	Criticality Alarm Head Coverage of Safe	Harvey Goldberg	7/8/2002	LLNL	CAS, Detector Placement
CSM-1264, Addendum 1	Criticality Alarm Head Coverage of Safe	Harvey Goldberg	1/30/2003	LLNL	CAS, Detector Placement
CSM-1265	Criticality Safety Evaluation of the ISM Super Diamond Safe for Fissile Material Storage	Santiago Parra	10/16/2002	LLNL	Storage Safe
CSM-1265, Addendum 1	Addendum 1 to Criticality Safety Evaluation of the ISM Super Diamond Safe for Fissile Material Storage	S. F. Kessler	12/15/2004	LLNL	Storage Safe
CSM-1265, Addendum 2	Addendum 2 to Criticality Safety Evaluation of the ISM Super Diamond Safe for Fissile Material Storage	S. F. Kessler	12/15/2004	LLNL	Storage Safe

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CSM-1267	Criticality Safety Evaluation of a Cross Mold for OSP 332.020	Santiago Parra	6/23/2002	LLNL	OSP 332.020
CSM-1268	Criticality Safety Evaluation for Workstation Re-Configuration in Glovebox 2	Tang Chiao	7/2/2002	LLNL	Glovebox
CSM-1268, Rev. 1	Criticality Safety Evaluation for Workstation Re-Configuration in Glovebox 23	Tang Chiao	7/15/2002	LLNL	Glovebox
CSM-1269	Criticality Safety Evaluation of New Crucible for Glovebox 2, OSP 332.200	Tang Chiao	7/22/2002	LLNL	OSP 332.200
CSM-1271	Validation of the MCNP Version 4C Software Code	Santiago Parra	8/6/2002	LLNL	MCNP4C, Validation
CSM-1274	Criticality Safety Evaluation of the Digital Length Gauge for OSP 332.043	Santiago Parra	8/19/2002	LLNL	OSP 332.043
CSM-1275	Criticality Safety Evaluation of Transportainer Measurements under IWS/Safety Plan (SP) 3191	John Scorby	8/26/2002	LLNL	IWS/SP 3191
CSM-1276	COG Proserpine Benchmarks	Dave Heinrichs	8/22/2002	LLNL	COG, Proserpine, Validation
CSM-1279	Criticality Safety Evaluation for Workstation Re-Configuration in Glovebox	Tang Chiao	10/3/2002	LLNL	Glovebox

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CSM-1280	Criticality Safety Evaluation for IWS/SP 3358	John Scorby	10/24/2002	LLNL	IWS/SP 3358
CSM-1284	Change to OSP-332.136, Segmented Gamma Scanner, Room 1377 Workstation #7715, the Addition of "Suspected" Drums Temporary Storage Workstations and Operations	Jennifer Burch	12/11/2002	LLNL	OSP 332.136
CSM-1286	Criticality Safety Analysis on the Operations of the Filtration Module	William Lloyd	4/2003	LLNL	B695
CSM-1287	Criticality Safety Analysis on the Operations of the Solidification Unit	William LLoyd	4/2003	LLNL	B695
CSM-1288	Criticality Safety Analysis on the Methanol Scrubber	Shang-Chih Philip Chou	1/2003	LLNL	B695
CSM-1289	Criticality Safety Analysis on the Drum Crushers	Shang-Chih Philip Chou	1/2003	LLNL	Drum Crusher
CSM-1290	Criticality Safety Analysis on the Radioisotope Glovebox in Building 695	Shang-Chih Philip Chou	1/2003	LLNL	B695
CSM-1291	Criticality Safety Analysis on the Inert Atmosphere Glove Box in Building 695	Shang-Chih Philip Chou	1/2003	LLNL	B695
CSM-1292	Criticality Safety Analysis on the Combination Glove Box in Building 695	Shang-Chih Philip Chou	1/2003	LLNL	B695

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CSM-1293	Criticality Safety Analysis on the Operations of the Fume Hoods in Building 695	Shang-Chih Philip Chou	1/2003	LLNL	B695
CSM-1294	Criticality Safety Analysis on the Building 695 Shredder Operation	Shang-Chih Philip Chou	1/2003	LLNL	B695
CSM-1295	Criticality Safety Analysis on the Cold-Vapor Evaporator Unit Operations in Building 695	Shang-Chih Philip Chou	1/2003	LLNL	B695, Cold-Vapor Evaporator
CSM-1296	Criticality Safety Analysis on the Sumps, Trenches, and Secondary Containments inside Building 695	Shang-Chih Philip Chou	1/2003	LLNL	B695
CSM-1297	Criticality Safety Analysis on the Operations of Waste Blending Station and Portable Waste Blending Station in Building 695	Shang-Chih Philip Chou	1/2003	LLNL	B695
CSM-1298	Criticality Safety Analysis on the Tank Farm Operations in Building 695 of the Decontamination Waste and Treatment Facility	Shang-Chih Philip Chou	5/2003	LLNL	B695
CSM-1300	Criticality Safety Evaluation for a New Mold for the Tilt-Pour Furnace	Tang Chiao	1/9/2003	LLNL	OSP 332.200
CSM-1301	Criticality Safety Evaluation of the Effect on k-eff Values of Pu Oxide by Increasing its Water Content	Tang Chiao	1/22/2003	LLNL	Pu oxide
CSM-1302	Criticality Safety Evaluation for On-Site Shipment of Pu & Uranium	Tang Chiao	2/11/2003	LLNL	AL-R8

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CSM-1303	Criticality Safety Evaluation of the On-Site Transportation of a Loaded 3013 Container in an AL-R8 Container	Tang Chiao	2/4/2003	LLNL	AI-R8
CSM-1309	Beryllium and Graphite/Carbon in Nat-/Dep-U Storage at Radioactive and Hazardous Waste management Facilities	Shang-Chih Philip Chou	2/2003	LLNL	RHWM
CSM-1313	Criticality Safety Analysis on the Pressure Reactor Operations	Shang-Chih Philip Chou	4/2003	LLNL	Pressure Reactor, B695
CSM-1314	Criticality Safety Analysis on the Mercury Amalgamation Operations	Shang-Chih Philip Chou	4/2003	LLNL	B695
CSM-1315	Criticality Safety Analysis on the Drum Rinsing/Bulking Station Operations	Shang-Chih Philip Chou	4/2003	LLNL	B695
CSM-1316	Criticality Safety Analysis on the Water Reactor Operations	Shang-Chih Philip Chou	4/2003	LLNL	Water Reactor
CSM-1317	Criticality Safety Analysis on the Uranium Deactivation Unit Operations	Shang-Chih Philip Chou	4/2003	LLNL	Uranium Deactivation Unit
CSM-1321	Criticality Safety Evaluation of the Pu-Water Mixture in a 4-liter Container	Tang Chiao	4/3/2003	LLNL	Pu-water Mixture
CSM-1322	Criticality Safety Analysis on the Waste Repackaging Glove Box Operations Building 696 Solid Waste Processing Area	Shang-Chih Philip Chou	4/2003	LLNL	Glove Box

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CSM-1323	Criticality Safety Analysis on the Building 695 Centrifuge Operations	Shang-Chih Philip Chou	4/2003	LLNL	Centrifuge
CSM-1324	Criticality Safety Evaluation of Neutron Counter Tang Chiao with SCCC Z, & SCCC E		4/9/2003	LLNL	Neutron Counter
CSM-1325, Addendum 1	Criticality Safety Evaluation of the On-Site Transportation of Various Weapon Components in AL-R8 or Model FL Shipping Container, Addendum 1	S. F. Kessler	10/17/2005	LLNL	OSP S-003
CSM-1329	Criticality Alarm Head Coverage of Radiography Enclosure	Harvey Goldberg	4/30/2003	LLNL	CAS, Detector Placement
CSM-1329, Rev. 1	Criticality Alarm Head Coverage for Radiography Enclosure	Harvey Goldberg	12/2/2003	LLNL	CAS, Detector Placement
CSM-1330	Criticality Safety Evaluation of Adding of SCCC Tang Chiao G to WS #6906		4/29/2003	LLNL	OSP 332.144
CSM-1332	Criticality Safety Evaluation for NTS Onsite Transportation of JASPER Target Assemblies	Richard B. Evarts	5/12/2003	LLNL	JASPER
CSM-1335	Criticality Safety Evaluation of Transportainer Measurements in B231	John Scorby	7/23/2003	LLNL	B231, Transportainer
CSM-1339, Addendum 1	Criticality Safety Controls for Measurement Request MR 100806	Harvey Goldberg	10/5/2006	LLNL	B334

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CSM-1339, Addendum 2	Criticality Safety Controls for Measurement Request MR 100806	Harvey Goldberg	6/6/2007	LLNL	B334
CSM-1339, Addendum 3	Criticality Safety Controls for Measurement Request MR 100806	Harvey Goldberg	9/11/2007	LLNL	B334
CSM-1344	Criticality Safety Evaluation on the Use of 200-gram Pu Drum Mass Limit for RHWM Waste Storage Operations	Shang-Chih Philip Chou	8/2003	LLNL	RHWM
CSM-1346	Criticality Safety Evaluation for the Addition of Approved Equipment in OSP332.43, OSP332.175, and OSP332.079	Tang Chiao	8/15/2003	LLNL	Bonding Fixture
CSM-1346, Addendum 1	Addendum 1 to CSM 1346, Criticality Safety Evaluation for the Addition of Approved Equipment in OSP332.043, OSP332.175, and OSP332.079	S. F. Kessler	11/9/2004	LLNL	Bonding Fixture
CSM-1347, Addendum 1	Criticality Safety Evaluation for On-Site Transportation and Radiography or Computed Tomography of an MC1324 or MC1801	John Pearson	11/18/2008	LLNL	OSP S-003
CSM-1348	Criticality Safety Evaluation for Adding SCCC B & SCCC Z to OSP332.188 for WS #0604 in Room 1006	Tang Chiao	10/27/2003	LLNL	OSP 332.188
CSM-1349	Criticality Alarm Head Coverage of Room 1346 with New Equipment	Harvey Goldberg	10/17/2003	LLNL	CAS, Detector Placement
CSM-1352	Status of MCNP Validation	Harvey Goldberg	10/31/2003	LLNL	MCNP4c, Validation

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CSM-1357	Criticality Safety Evaluation for the Glovebox Vacuum System	S. F. Kessler	2/3/2004	LLNL	Vacuum
CSM-1358	Criticality Safety Evaluation for SCCC Wx	Tang Chiao	12/12/2003	LLNL	SCCC Wx
CSM-1358, Addendum 1	Addendum 1 to CSM 1358, Criticality Safety Evaluation for SCCC Wx	S. F. Kessler	9/20/2004	LLNL	SCCC Wx
CSM-1358, Addendum 2	Changes to OSP-332.136, Segmented Gamma Scanner Operations	A. D. Wilkinson	4/14/2005	LLNL	OSP 332.136
CSM-1359	Criticality Safety Review for OSP332.103	Tang Chiao	12/16/2003	LLNL	OSP 332.103
CSM-1361	Addition of Approved Equipment in OSP332.032	Harvey Goldberg	1/7/2004	LLNL	OSP 332.032
CSM-1362	Criticality Safety Review for OSP331.094	Tang Chiao	12/16/2003	LLNL	OSP 332.094
CSM-1363	Repackaging of PuBe Sources inside the Tent in the Building 625	Shang-Chih Philip Chou	1/2004	LLNL	RHWM, PuBe, B625
CSM-1371	Criticality Safety Evaluation for the Process Modification to OSP332.178	Tang Chiao	2/26/2004	LLNL	OSP 332.178

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CSM-1371, Rev. 1	Criticality Safety Evaluation for the Process Modification to OSP332.178	Tang Chiao	7/16/2004	LLNL	OSP 332.178
CSM-1374	Criticality Safety Evaluation of the Creation of SCCC Hx under OSP332.191	Harvey Goldberg	4/1/2004	LLNL	OSP 332.191, SCCC Hx
CSM-1374, Addendum 1	CSS Recommendations for Changes to SCCC Hx	Harvey Goldberg	4/25/2005	LLNL	SCCC Hx
CSM-1376	Criticality Safety Evaluation of Additional Shielding on the Fissionable Material Transport Cart used in Building 332 RMA	Harvey Goldberg	4/7/2004	LLNL	
CSM-1377	Criticality Safety Evaluation on the Use of Six- Hole Storage Safes for the Storage of Fissionable Materials	Shang-Chih Philip Chou	4/2004	LLNL	Storage Safe
CSM-1379	Criticality Safety Section Review of the Addition of a TechCut 4™ Saw to the Approved Equipment List for WS 2203 in OSP 332.017	Harvey Goldberg	5/14/2004	LLNL	OSP 332.017
CSM-1380	Criticality Safety Section Review of the Addition of an Accountability Balance for WS 2202 to the Approved Equipment List for WS 2203 in OSP 332.017	Harvey Goldberg	5/17/2004	LLNL	OSP 332.017
CSM-1384	Criticality Safety Study of Storing Additional Oxide Cans in Safes	S. F. Kessler	7/8/2004	LLNL	Pu oxide
CSM-1385	Criticality Safety Evaluation for CO ₂ Cleaning of Plutonium Contaminated Parts in Room 130, B331	Tang Chiao	7/2/2004	LLNL	HEU

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CSM-1387	Plutonium Shell Dissolution Data	Thomas Conboy	8/17/2004	LLNL	Pu Shell
CSM-1387, Addendum 1	Addendum to CSM-1387, Plutonium Shell Dissolution Data	Catherine Goff	6/23/2006	LLNL	Pu Shell
CSM-1388	Review of Added Shielding around a Repo	Harvey Goldberg	8/30/2004	LLNL	Added Shielding
CSM-1389	Criticality Safety Evaluation for ER Operation in Glove Box 2, OSP 332.200	Tang Chiao	8/10/2004	LLNL	OSP 332.200
CSM-1390	Criticality Safety Analysis on the Operations of the Building 625 Containment Tent in Area 612	Shang-Chih Philip Chou	9/2004	LLNL	B625
CSM-1391	Criticality Safety Section Review of the Addition of a Hot Plate to the Approved Equipment List for WS 2202 in OSP 332.017	Harvey Goldberg	9/17/2004	LLNL	OSP 332.017
CSM-1393	Criticality Safety Evaluation for Drum Storage Locations	S. F. Kessler	1/6/2005	LLNL	Drum Storage
CSM-1395	Proliferation and Terrorism Prevention Program Operations with Fissionable Materials in Building 262	Dave Heinrichs	5/10/2005	LLNL	B262
CSM-1396	Criticality Safety Evaluation of One JASPER target Assembly in Onsite Transfer Case Packaging	David P. Heinrichs	2/9/2005	LLNL	JASPER, Packaging

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CSM-1398	Criticality Safety Evaluation of Measurement Request MR032105	Harvey Goldberg	3/10/2005	LLNL	Pu Shell
CSM-1401	Changes to OSP-332.173, Interim Storage of Waste Containers	A. D. Wilkinson	4/19/2005	LLNL	Wording Change
CSM-1405	Criticality Safety Section Review of Proposed Detectors for Operations Approved in OSP332.191 under SCCC G	Harvey Goldberg	6/22/2005	LLNL	OSP 332.191
CSM-1406	Criticality Safety Evaluation for a Transport Bucket for OSP332.194 and OSP332.075	Tang Chiao	6/10/2005	LLNL	OSP 332.194, OSP 332.075
CSM-1407	Criticality Safety Evaluation for Non-Confirming Waste Box	Alan Wilkinson	7/26/2005	LLNL	Waste Box
CSM-1409	Criticality Safety Evaluation for Non-Compliant TRU Waste Boxes and Drum	Alan Wilkinson	8/9/2005	LLNL	Waste Boxes and Drum
CSM-1410	Criticality Safety Evaluation on Transportation and Disposal of Uranium in 55-Gallon DOT/6M -2R Packages	Shang-Chih Philip Chou	3/2006	LLNL	HEU, DOT/6M Type B, 55-gallon
CSM-1410, Rev. 1	Criticality Safety Evaluation on Transportation and Disposal of Uranium in 55-Gallon DOT/6M -2R Packages	Shang-Chih Philip Chou	3/2006	LLNL	HEU, DOT/6M Type B, 55-gallon
CSM-1411	Plutonium-Dioxide Cylinder Study	Thomas Conboy	8/19/2005	LLNL	PuO ₂

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CSM-1417	Criticality Alarm Head Coverage of Safe and Lockers	Harvey Goldberg	10/10/2005	LLNL	CAS, Detector Placement
CSM-1419	Criticality Safety Evaluation for Tent Operations Involving Waste Containers	A. D. Wilkinson	11/29/2005	LLNL	55-gallon drums, standard waste boxes
CSM-1433	Criticality Safety Evaluation of a LLNL Training Assembly for Criticality Safety (TACS)	David P. Heinrichs	4/27/2008	LLNL	HEU, Hemishells
CSM-1519	Criticality Safety Evaluation for Building 151 and the Room 1241 Nuclear Forensic Radiochemistry Operations	Shang-Chih Philip Chou	6/2008	LLNL	Uranium
CSM-1563	Validation of COG 10 and ENDFB6R7 on the Surya Workstation for General Application to Highly Enriched Uranium Systems	Allan Krass, David Heinrichs	9/16/2009	LLNL	Validation, ENDFB6R7, COG 10, HEU, Surya
CSM-1568	Criticality Safety Evaluation on Generic Fissionable Material Operations with up to 65 grams Pu-239	Shang-Chih Philip Chou	11/2009	LLNL	Pu-239